

OK
D.L.D.

A

During an inspection completed this date to determine compliance with the requirements of Division 13 of the Alabama Department of Environmental Management Administrative Code, following items of noncompliance were identified.

The slope adjacent to cell 3 needs to be regraded

Signature of Preparer Allen Shehane Printed Allen Shehane

SIGNATURE	<i>Carl Crossler</i>	PRINTED NAME	<i>Carl Crossler</i>
TITLE	<i>Lead Fill monogrot</i>	DATE	<i>6/9/08</i>
FOR OFFICE USE ONLY			

Solid Waste Landfill Inspection Form

Permit Number: 53-03

Facility Name: Perry County Associates LF

Type Landfill: MSWLF ☒ C/DLF ☐ ILF ☐

Inspector: Shekane

Date: 6-10-08

Time: _____

Site Contact:

Title:

Carl Cressler

LF manager

John Delvac

owner

Rt 2 Box 110-A Union Town, Pa. 36786

Purpose of Inspection:

Routine Inspection: ☒

Complaint Investigation: ☐

Follow-Up Inspection: ☐

Date of Initial Inspection: _____

Other: _____

Findings:

No Violations: ☒ (Form A)

Warning Letter: _____ (Form B)

Notice of Violation: _____

Comments:

No approved variances
cell 3, 4 & 5 approved Oct 2007
started accepting waste around 10-15-07
rail waste began about 5-25-08

Regulation Cited	Requirement	In Compliance	
		Yes/NA	No
<u>General Operational Requirements for All Landfills</u>			
13-4.15(2)	Alternative daily cover approved or used	N/A	
13-4.16(2)(c)	Explosive gas monitoring and reporting plan prepared and on file	✓	
13-4.16(2)(c)2.	Explosive gas monitoring conducted as required	March 2008	
13-4.16(2)(c)2.(i)	Explosive gas monitoring reports submitted as required	✓	
13-4.16(2)(c)3.	Explosive gas exceedences reported; remedial action taken as required	✓	
13-4.16(2)(c)4.	Explosive gas monitoring points located as required	✓	
13-4.17(1)	Run-on system constructed and maintained	✓	
13-4.17(2)	Run-off system constructed and maintained	✓	
13-4.17(3)	On-site drainage structures constructed and maintained	✓	
13-4.19	Access control measures adequate	✓	
13-4.21(1)(a)	Operation as stipulated on the permit and in approved plans	✓	
13-4.21(1)(b)	Only approved waste streams accepted	✓	
13-4.21(1)(c)	Waste certifications received and on file; copies to ADEM	✓	
13-4.21(1)(c)4 & 5	Waste certifications renewed biennially and on file; copies to ADEM	✓	
13-4.21(1)(d)	No unauthorized discharge or water pollution	✓	
13-4.21(1)(e)	Facility boundary adequately marked and observable	✓	
13-4.21(1)(f)	Measuring or weighing devices operable (method: _____)	✓	
13-4.21(2)(a)	Open burning	✓	
<u>MSWLF Requirements</u>			
13-4.22(1)(a)1.	All waste covered daily with 6 in. soil or alternative cover (type: _____)	✓	
13-4.22(1)(b)	Waste confined to small area, <2 ft. thick layers; on appropriate slope (<4:1)	✓	
13-4.22(1)(c)	All waste thoroughly compacted	✓	
13-4.22(1)(d)	Operation as stipulated on the permit and in approved plans	✓	
13-4.22(1)(e)	Adequate personnel provided	✓	
13-4.22(1)(f)	Adequate equipment provided	✓	
13-4.22(1)(g)	Adverse weather provisions provided	✓	
13-4.22(1)(h)	Site security adequate	✓	
13-4.22(1)(i)	Proper sign located at entrance	✓	
13-4.22(1)(j)	Special provisions for large dead animals	✓	
13-4.22(1)(l)	Large empty containers rendered unsuitable for holding liquids	✓	
13-4.22(2)(a)	Scavenging prohibited and salvaging controlled	✓	
13-4.22(2)(b)	Litter controlled	✓	
13-4.22(2)(c)	All-weather access road to operating face of landfill	✓	
13-4.22(2)(d)	Vector control measures adequate	✓	
13-4.22(2)(e)	Monitoring/treatment structures protected and maintained in good repair	✓	

13-4.22(2)(f)

Completed areas properly closed

March 2008
ad 3.8 in state
14241 91.09

N/A

13-4.22(2)(g)

Records maintained on daily volumes; operating record available for review

✓

C/DLF and ILF Requirements

- 13-4.23(1)(a)1. - All waste covered weekly with 6 in. soil or alternative cover (type: _____)
- 13-4.23(1)(b) & (c) All waste thoroughly compacted; <2 ft. thick layers; on appropriate slope (<4:1)
- 13-4.23(1)(c) Waste confined to small area
- 13-4.23(1)(d) Operation as stipulated on the permit and in approved plans
- 13-4.23(1)(e) Site security adequate
- 13-4.23(1)(f) Proper sign located at entrance
- 13-4.23(1)(h) Adequate personnel provided
- 13-4.23(1)(i) Adequate equipment provided
- 13-4.23(1)(k) Large empty containers > 10 gal. rendered unsuitable for holding liquids
- 13-4.23(2)(a) Scavenging prohibited and salvaging controlled
- 13-4.23(2)(b) Litter controlled
- 13-4.23(2)(c) Completed areas properly closed
- 13-4.23(2)(d) All-weather access road to operating face of landfill
- 13-4.23(2)(e) Monitoring/treatment structures protected and maintained in good repair
- 13-4.23(2)(f) Records maintained on daily volumes; operating record available for review
- 13-4.23(2)(g) Vector control measures adequate

N/A

N/A

Recordkeeping/Permits/Groundwater Monitoring

- 13-4.27(2)(g) Groundwater monitoring plan submitted and approved
- 13-4.27(2)(n) Groundwater monitoring and statistical analysis completed and submitted
- 13-4.27(3)(b) Groundwater monitoring completed as scheduled
- 13-4.27(2)(c)2. Groundwater well location, design, construction and abandonment plan submitted
- 13-4.29(1) Records maintained as required; operating record available for review
- 13-5.02(2) Landfill permit valid? Expiration date: July 5, 2011
- 13-5.02(3) Landfill permit renewal application filed 180 days prior to expiration date
- 13-5.06(2)(a)5. Permitted volume not exceeded by 20% or 100 tpd

March 2008
91.09
✓
✓
✓
✓
✓
N/A
✓

Comments:

7500 tons/day

See area

~~976.5~~
976.5 acres permitted
256 for disposal

Al, Delaware, FL
Ga, KY, LA, Miss, NY
NJ, NC, Penn, RI, SC
Tenn Virginia + WV

ONIS "TREY" GLENN, III
DIRECTOR



Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2059 ♦ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700
FAX (334) 271-7950

BOB RILEY
GOVERNOR

per y

May 28, 2009

LEGAL AD DEPARTMENT
Marion Times

EMAILED

To Whom It May Concern:

It is requested that the attached public notice be published in your newspaper (one time) on **June 3, 2009**. ALL NOTICES ARE TO BE RUN AS STANDARD LEGAL NOTICES, NOT DISPLAY. If a display ad is needed, please call Ena Missildine, Permits & Services, (334) 271-7714.

INVOICE/TEAR SHEET INFO: Upon completion of advertising this public notice, please submit four copies of your invoice and proof of publication. The invoice must include the rate, quantity, and total amount. This submission should be mailed to: ATTN: BEVERLY MILLER, Fiscal Branch, P. O. Box 301463, Montgomery, AL 36130-1463. Authorization of payment of public notices cannot be made by our office unless the above documents are received. Inquiries about payment of invoices should be directed to ADEM Fiscal Branch, (334) 270-5654.

If further information is needed concerning this matter, please let us know.

Sincerely,

Ena B. Missildine
Permit & Services Division

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (Fax)

Decatur Branch
2715 Sandlin Road, S. W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (Fax)

Mobile Branch
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Daily Mountain Eagle

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BOB RILEY
GOVERNOR

July 20, 2009

To: Public Commentors

Re: Permit Modification
Perry County Associates Landfill
Permit Number 53-03

Dear Sir or Madam:

The Alabama Department of Environmental Management (ADEM) has made a final determination to modify the Solid Waste Disposal Permit originally issued to Perry County Associates LLC, on July 6, 2009, to construct and operate a landfill known as Perry County Associates Landfill near Uniontown, Alabama. The modification of permit involves expanding the service area, increasing the allowable average daily disposal volume and minor operational changes to the landfill.

A Public Notice period was announced by ADEM from June 3, 2009 to July 8, 2009. The proposed draft permit was on display at the ADEM office in Montgomery and on the ADEM web site during the review period. During the public comment period six sets of comments were received. The majority of the comments received addressed issues not germane to the proposed permit modification. Even so, all comments received during the public comment period were carefully considered and appropriate responses have been prepared. A copy of the Department's response to comments is enclosed. It has been determined that the application and the modified permit complies with the Department's solid waste regulations. The permit will be modified effective today, July 20, 2009.

A permit issuance or modification may be appealed as provided in Code of Alabama, 1975, §22-22A-7. The procedures for hearing appeals are outlined in the Rules of Procedures for Hearing Appeals of Administrative Actions of the Alabama Department of Environmental Management, ADEM Admin. Code 335-2-1. An appeal must be filed within 30 days of permit issuance.

On behalf of the Alabama Department of Environmental Management, we thank you for your participation in the permitting process.

Sincerely,

A handwritten signature in black ink, appearing to read "Phillip D. Davis", is written over a horizontal line.

Phillip D. Davis, Chief
Solid Waste Branch
Land Division

PDD/rm

Enclosures

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Summation of Comments Received and Response-to-Comments
Perry County Associates Landfill
Uniontown, Perry County, Alabama

Presented below are the comments and ADEM's responses to the comments received during the Public Notice and Comment periods regarding proposed major modification to permit 53-03, issued for the Perry County Associates Landfill. The comments listed below are grouped together where a single response is adequate for more than one comment. First, the comments of similar nature are stated or paraphrased since there were different letters related to the same topic with different language, and then the Department's common response for these comments is stated.

Comment 1: Commentor expressed concern about the name and location of the landfill.

Response to Comment 1: As noted in the permit application and reflected on the proposed modification and in the public notice, the permittee remains Perry County Associates , LLC, and the facility name is still Perry County Associates Landfill.

Comment 2: Commentor stated that EPA might be rethinking whether or not the coal ash is toxic.

Comment 3: Commentor demanded a complete explanation of the coal ash and why ADEM thinks it is appropriate for an Alabama landfill.

Comment 4: Commentor stated that most of the waste material will be coal ash from the recent spill in Tennessee and will contain hazardous materials.

Comment 5: Commentor stated that the coal ash waste could affect drinking water, soil, and increase the health problems for one of the poorest areas in Alabama.

Comment 6: Commentor stated that according to the Environmental Protection Agency, the hazardous materials in the coal ash could increase our cancer risk to 1 in 50.

Comment 7: Commentor stated that the people in community feel very strongly that allowing coal ash to be deposited in their community poses definite threats to their health.

Comment 8: Commentor stated that just last weekend one of CNN's Dr. Sonjay Gupta's talking points was the subject of possible health effects in Tennessee from the ash spill and numerous other newspapers are carrying enlightening articles and editorials about the coal ash issue.

- Comment 9:** Commentor stated that the toxic materials, stored in the landfill could, over time, leak and then leach into the groundwater.
- Comment 10:** Commentor stated that in a recent news article, the Department of Homeland Security has decided to require secrecy concerning the locations of coal ash storage sites due to the risk to communities. Since the effects of this toxic waste on a community 0.5 miles away is not known at this time, it would be prudent to avoid the potential damage to the citizens of Perry County, Alabama.
- Comment 11:** Commentor stated that some of the coal ash while in transit could become airborne if not secured properly, or if there is an accident.

Response to

Comments 2-11: Since the State of Tennessee is already within the landfill's service area as established by the Perry County Commission, this proposed modification has no significant bearing on the ability of Perry County Associates Landfill to accept the Tennessee Valley Authority (TVA) waste. In fact, the applicant applied for local host government approval of this change on September 30, 2008. The Perry County Commission granted approval of this modification on December 9, 2008, following a public hearing held on November 25, 2008. All of this occurred prior to the release of coal ash waste at the TVA Kingston plant on December 22, 2008.

- Comment 12:** Commentor stated that it appears to be environmental injustice when a poor community has to see tons of waste stored in their community without any public input.
- Comment 13:** Commentor stated that Perry County is one of the poorest counties in the state, with 31% living in poverty – median income is \$12,386.
- Comment 14:** Commentor stated that there are environmental justice and economic development issues that are not been considered and should be prior to granting this modification.
- Comment 15:** Commentor stated that as an African American, she strongly opposes the expansion of this landfill because it once again brings waste into his community because they are poor and black. The landfill owners, who are rich and from Georgia suburbs, plan to receive thousands of tons of waste every single day into Perry County.

Response to

Comments 12-15 It should be noted that any alleged discriminatory impact would come as a result of the actual siting of the landfill near an area whose residents are protected by Title VI of the Civil Rights Act of 1964. ADEM, however, does not site landfills; that responsibility

lies with the local host government. The United States Eleventh Circuit Court has declined to find a discriminatory impact by a state agency in the permitting of a landfill when the state agency was not responsible for the siting of the landfill.

Furthermore, the proposed permit complies with all ADEM solid waste regulations, regulations which are based on EPA's Resource Conservation and Recovery Act Subtitle D regulations. The Subtitle D regulations were designed to prevent ground and surface water contamination, to prevent air pollution caused by landfill gas emissions, to prevent the attraction of rodents, flies, and other disease vectors, and to minimize odors. If the Subtitle D regulations do not accomplish these goals, then the problem is with the Subtitle D regulations and is a national problem; it is not with ADEM's implementation of its solid waste regulatory program. ADEM's administration of a regulatory program based on EPA's Subtitle D program cannot be discriminatory unless those regulations are not protective of human health and the environment and thus have the potential to have a discriminatory effect themselves when applied to landfills in communities protected by Title VI.

In order to be valid, the comment alleging a disparate impact and an environmental injustice must assume both that the permittee will not comply with the proposed permit conditions and that ADEM will not rigorously enforce the terms and conditions of the permit. There is no reason to believe that the permittee will not comply with the terms and conditions of its permit. Should the permittee fail to comply with its permit, ADEM is committed to vigorously enforcing the terms and conditions of the permit.

Finally, it should be mentioned that the Department has provided Environmental Justice training by EPA to a number of its staff and remains committed to obtaining the necessary resources to staff an Environmental Justice unit within the Department.

- Comment 16:** Commentor stated that Perry County does not create enough waste to fill this landfill to current capacity, much less to the expanded capacity the owners want. Waste will have to be hauled in from out of state – almost thirty other states will be able to dump on Perry County. The landfill owners will be shipping money to Georgia while risking the health and environment of the people in our community.
- Comment 17:** Commentors urged the Department to provide an opportunity to participate in a public hearing on the increase in the maximum tonnage allowed at the Uniontown Landfill.
- Comment 18:** Commentors stated that limiting the maximum tonnage is their only option at this time and requested an opportunity to participate in a

public hearing to express their point of view about the important potential change that could drastically affect their lives and environment in a negative way.

Comment 19: Commentor requested a public hearing and extension to the comment period regarding the proposed modification of a landfill permit modification for Permit

Comment 20: Commentor stated that he hoped ADEM would not give this most recent permit to Perry County Associates until there has been a thorough evaluation of this situation and local and state public input.

Response to

Comments 16-20: The local governing body, the Perry County Commission, approved the original service area and allowable average daily volume of the landfill after a public hearing held on August 8, 2005. As stated previously, the proposed permit modification for the expansion of the service area and the increase in the disposal volume was authorized by the same local governing jurisdiction (Perry County Commission) on December 9, 2008, following a public hearing held on November 25, 2008. The commentors have provided no technical basis within ADEM's purview that would justify superseding the County Commission's approval.

Comment 21: Commentor had no objection to the proposed major modification based on the potential to create jobs and improve the tax base.

Response to

Comment 21: The Department acknowledges the comment but offers no further response as consideration of social and economic impacts are issues outside ADEM's statutory authority. Rather, they are issues that fall under the jurisdiction of the local host government. In this case, the Perry County Commission considered these issues in granting its December 9, 2008 approval.

Comment 22: Commentor noted a typographical error in the proposed permit and a need for update the listing of groundwater monitoring wells to reflect current operating conditions at the facility.

Response to

Comment 22: The proposed permit has been revised to reflect these comments.

ONIS "TREY" GLENN, III
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Response to

Comments 16-20: The local governing body, the Perry County Commission, approved the original service area and allowable average daily volume of the landfill after a public hearing held on August 8, 2005. As stated previously, the proposed permit modification for the expansion of the service area and the increase in the disposal volume was authorized by the same local governing jurisdiction (Perry County Commission) on December 9, 2008, following a public hearing held on November 25, 2008. The commentors have provided no technical basis within ADEM's purview that would justify superseding the County Commission's approval.

Comment 21: Commentor had no objection to the proposed major modification based on the potential to create jobs and improve the tax base.

Response to

Comment 21: The Department acknowledges the comment but offers no further response as consideration of social and economic impacts are issues outside ADEM's statutory authority. Rather, they are issues that fall under the jurisdiction of the local host government. In this case, the Perry County Commission considered these issues in granting its December 9, 2008 approval.

Comment 22: Commentor noted a typographical error in the proposed permit and a need for update the listing of groundwater monitoring wells to reflect current operating conditions at the facility.

Response to

Comment 22: The proposed permit has been revised to reflect these comments.



Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

October 21, 2010

MEMORANDUM

To: Brent A. Watson, Chief *BAW*
Enforcement & Remediation Section

From: Linda C. Brown *LCB*
Enforcement & Remediation Section

RE: Arrowhead Landfill Complaint Investigation
SW Permit #53-03
Perry County

On October 18, 2010, Ms. Jan Martin, Region 4 EPA, and I visited the Perry County Associates' Arrowhead Landfill in Uniontown, Alabama. The purpose of the site visit was to investigate a complaint received by Region 4 EPA from residents, claiming that the site perimeter of the property is not properly secured and that existing trees and embankments are not sufficient to prevent children from entering the landfill.

Mr. Eddie Dorsett, president of Phill-Con Services, accompanied us around the perimeter of the landfill where Ms. Martin took numerous photographs of the gated entrances, trees, dense brush, fencing, silt fencing, and deep drainage ditches alongside the roadway. The area of concern was the western and southern perimeters of the property. In order for children to access the landfill, they would have to cross the highway and cross a road side drainage ditch which varies in depth, but is 8 to 10 feet deep in some places. Other barriers noted were old wire fencing, thick brush and trees, net-wire silt fencing, and steep terrain. An old entrance road on the western side of the property has a blockade consisting of a large mound of dirt and a fence to prevent access to the property. I noted that there were no trails through the trees and brush nor did I see any children in the area. In my professional opinion, the facility has adequate fencing and natural barriers to secure the site.

In addition, no odors were detected at the landfill.

lb



LANCE R. LEFLEUR
DIRECTOR



ROBERT J. BENTLEY
GOVERNOR

Alabama Department of Environmental Management
adem.alabama.gov

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February 3, 2012

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

(Public Commentors)

RE: Solid Waste Disposal Facility Permit
Arrowhead Landfill
Permit 53-03

Dear Sir or Madam:

The Alabama Department of Environmental Management (ADEM) has made a final determination to modify the Solid Waste Disposal Facility Permit to Perry County Associates, LLC for the Arrowhead Landfill. The permit is effective February 3, 2012 and the permit expiration date will remain September 26, 2016.

A public notice was given by ADEM on November 9, 2011. A public hearing was held at the Uniontown Municipal Building on December 15, 2011. The comment period ended December 22, 2011. The permit application and the proposed permit were available to the public at the Alabama Department of Environmental Management located in Montgomery, Alabama.

All comments were carefully considered and appropriate responses have been prepared. Enclosed is a copy of the comments received and the Department's response to the comments. It has been determined that the permit application and the permit complies with the ADEM Administrative Code Division 13 regulations.

The permit issuance may be appealed as provided in §22-22-A-7 of the Code of Alabama 1975. The procedures for hearing appeals are outlined in the ADEM Administrative Code 335-2-1, "Rules of Procedures for Hearing Appeals of Administrative Actions of the Alabama Department of Environmental Management."

On behalf of the Alabama Department of Environmental Management, we thank you for your participation in the permitting process.

Sincerely,

A handwritten signature in black ink, appearing to read "Phillip D. Davis", is written over a horizontal line.

Phillip D. Davis, Chief
Solid Waste Branch
Land Division

PDD/sl

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Branch
2715 Sandlin Road, S. W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)

Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
(251) 479-2593 (FAX)

Mobile-Coastal
4171 Commanders Drive
Mobile, AL 36615-1421
(251) 432-6533
(251) 432-6598 (FAX)

**Summation of Comments Received and Response-to-Comments
Proposed Arrowhead Landfill Modification
Permit 53-03**

COMMENTS RELATED TO PERMIT APPLICATION

- A comment was made questioning what was actually requested in the modification.
- A comment was made that ADEM has cooperated with every permit renewal and expansion.
- Several comments were received requesting ADEM to deny the modification.

RESPONSE TO COMMENTS

Perry County Associates, LLC requested a modification to expand the permitted disposal area for the Arrowhead Landfill from 256.15 acres to 425.33 acres. All other conditions of the permit would remain the same.

The Department reviews all permit applications before making a final determination. In all of its previous permit decisions concerning this facility, the Department has reviewed the permit application and made a determination that by meeting the requirements of the issued ADEM Solid Waste Disposal permit, the landfill would be in compliance with all applicable State and Federal solid waste disposal requirements and thus, protective of public health and the environment.

COMMENTS RELATED TO COAL ASH

- Several comments were received that people are outraged about the coal ash that continues to be brought into the Perry County landfill.
- A comment was made stating, "Furthermore, we will not stop until the coal ash is removed from the dump and ADEM forces the landfill owners to properly manage that landfill."
- A comment was made that ADEM cooperated to bring the coal ash to the landfill.
- A comment was made that "my vehicles are turning white from dust from the coal ash."

RESPONSE TO COMMENTS

Under Alabama State law, fly ash and other coal combustion byproducts are defined as a solid waste and, if found to be non-hazardous under the state and federal hazardous waste regulations, may be accepted at a municipal solid waste (MSW) landfill subject to the federal RCRA Subtitle D requirements. In case of the TVA Kingston waste, EPA Region 4's CERCLA Division determined the material to be non-hazardous remediation waste and approved this remediation waste to be disposed at a RCRA Subtitle D Landfill. After considering other options, EPA Region 4 determined the most viable option for disposal of this remediation waste was at the

Arrowhead Landfill. , Remediation waste of this type is considered a special waste and prior to disposal, the facility must submit to the Department for its review, a solid waste profile application. Based on its review of the analytical data contained in this special waste profile application, the Department approved the remediation waste to be disposed at the Arrowhead Landfill on April 9, 2009. These analytical results obtained from the TVA waste indicated the waste did not contain hazardous constituents in such concentrations as to classify the waste as "hazardous waste."

It should be noted that the Arrowhead Landfill received the last load of the TVA Kingston remediation waste on December 4, 2010. Since that time, closure of the cells containing the TVA waste has occurred. The closure of these cells included the installation of a final cover cap consisting of a synthetic liner and a layer of soil capable of sustaining a vegetative cover to control erosion. ADEM personnel reviewed and approved the design of this final cover system prior to its construction, and observed various stages of its installation. ADEM also determined the construction of the final cap to be in compliance with ADEM Administrative Code, Division 13 and the approved permit drawings on October 11, 2011.

COMMENTS RELATED TO THE ENVIRONMENTAL IMPACT OF LANDFILL

- A comment was received that ADEM does not care about their health of the people living near the landfill and the landfill is not just impacting the local community, but also neighboring communities.
- Several comments were received regarding concerns of water contamination and air quality near the landfill.
- Several comments were received regarding odors, buzzards, rats and other vectors resulting from the landfill.
- A comment was received that the landfill has caused fruit trees to wilt and the local community is concerned about growing a garden.
- A comment was made that when it rains, roads become white with the mud that washes from the landfill.

RESPONSE TO COMMENTS

ADEM Administrative Code, Division 13 and the federal RCRA Subtitle D regulations require that landfills accepting municipal solid waste be lined. The composite liner system is designed and installed so as to create an impermeable layer between the waste and the underlying groundwater features. The composite liner system for the Arrowhead Landfill consists of two feet of 1×10^{-7} cm/sec compacted soil, a 60 mil HDPE geomembrane, a 16 oz. non-woven geotextile fabric, and a 12 inch thick drainage layer with a minimum hydraulic conductivity of 1×10^{-2} cm/sec. The ADEM Solid Waste program regulations also require that the base of the

composite liner system shall be a minimum of five (5) feet above the temporal fluctuation of the groundwater table.

The soil component of the composite liner system consists of two feet of 1×10^{-7} cm/sec compacted soil which meets the minimum requirements of the ADEM Administrative Code. The drainage layer was originally permitted as a 24-inch thick drainage layer with a minimum hydraulic conductivity of 1×10^{-2} cm/sec. A permit modification request was submitted by the applicant requesting that the drainage layer be modified to consist of a 16 oz. non-woven geotextile fabric and a 12 inch thick soil layer with a minimum hydraulic conductivity of 1×10^{-2} cm/sec. The calculations within the application verified that the requested drainage layer meets the performance standards of the originally permitted drainage layer. Therefore, ADEM approved the permit modification on October 25, 2010.

Both the ADEM Administrative Code, Division 13, as well as the federal RCRA Subtitle D regulations, require that a groundwater monitoring system be installed at MSW landfills. The groundwater monitoring system is designed to verify the integrity of the liner system. Should the liner system fail, ADEM would be made aware of this from groundwater contamination observed through the approved groundwater monitoring system. The groundwater monitoring system consists of a sufficient number of wells at the appropriate location and depth. The groundwater monitoring system must include consistent sampling and analysis procedures that are designed to provide an accurate representation of groundwater quality. A Groundwater Monitoring Plan for the landfill has been reviewed and approved by the Department. The groundwater monitoring plan consists of thirteen groundwater monitoring wells for Tract 1, thirteen groundwater monitoring wells for Tract 2, and fourteen groundwater monitoring wells for Tract 3. The groundwater monitoring system serves as an early warning system should groundwater contamination occur. In the event that this sampling and analysis reveals that contamination has occurred, proper assessment and corrective measures would be selected and implemented. Since the start of disposal operations at the Arrowhead Landfill, no groundwater contamination has been detected by the approved monitoring system.

The proposed solid waste disposal permit modification requires the permittee to construct and maintain run-on and run-off control structures as required by the ADEM Administrative Code r. 335-13-4-.17. Any discharges from said control structures are regulated under NPDES permit number ALG160167. The submitted plans include drainage plans to minimize the release of sediment into the creeks and onto adjacent properties. Storm water run-off and leachate are to be segregated and managed appropriately.

ADEM Administrative Code r.335-13-4-.22(1)(a)1. requires a minimum of six inches of compacted earth or other approved alternative cover material that may include but is not limited to foams, geosynthetics or waste products, shall be added at the conclusion of each day's operation or as otherwise approved by the Department to control disease vectors, fires, odors, blowing litter and scavenging. Section III.H of the proposed permit modification addresses the cover requirements at the Arrowhead Landfill. Additionally, fugitive dust is controlled at the Arrowhead Landfill by utilizing a water truck on hauling roads on the site.

The composite liner system as described above for both the existing portions and the proposed portions of the Arrowhead Landfill, complies with all applicable state and federal landfill design requirements. Likewise, the groundwater monitoring requirements, stormwater runoff control measures and the operational cover requirements contained in the proposed permit modification meet all applicable state and federal solid waste requirements.

COMMENTS RELATED TO MONITORING REQUIREMENTS

- A comment was made asking whether ADEM or the landfill tests the water, land, and air. Specifically, it was requested that it should be "an outside firm, not ADEM or the landfill people that tests the air, water, and soil at least quarterly." The information from the test should be made available to the public.
- A comment was received stating that the groundwater should be tested more frequently.

RESPONSE TO COMMENTS

ADEM Solid Waste program personnel perform site inspections for the landfill at a minimum of four times a year. Per the results of these inspections, the landfill has had no significant noncompliance issues. Copies of all ADEM solid waste inspection reports are available for public inspection at the Department's Montgomery office or through the ADEM internet website.

In accordance with the federal requirements of RCRA subtitle D and the EPA regulations contained in 40 CFR Part 258.54, ADEM Administrative Code r. 335-13-4-.27(3)(b)1. states that the frequency for monitoring groundwater at a municipal solid waste landfill is to be semiannually. Additionally, ADEM Administrative Code r. 335-13-4.16(2)(c)2. states that the frequency for explosive gas monitoring at municipal solid waste landfills is to be quarterly. These monitoring events are performed by a third party hired by the landfill and the reports are submitted to ADEM for review. Copies of all monitoring records, reports, and correspondence of the landfill are also available through ADEM's e-file service which can be found at www.adem.alabama.gov or by contacting the ADEM Records Manager at (334) 271-7712. Surface water run-off from the onsite drainage system is regulated by NPDES permit number ALG160167. Records related to the NPDES permit, including inspection and monitoring reports, are also available to the public through the ADEM website.

COMMENTS RELATED TO FINANCIAL ASSURANCE

- A comment was made that the Department has never provided any information about the financial status of PCA or Perry Uniontown Ventures, and that PCA was not a legitimate company.
- A comment was made asking how ADEM can issue a permit to Perry County Associates to expand the current landfill when they have not been able to meet their current financial obligations.

- A comment was made that the current landfill owner, Perry Uniontown Ventures I, and permittee, Perry County Associates, were not able to pay their bankruptcy creditors and have been forced to sell. Presently, the landfill and permit are managed by a liquidating trustee. As a result, the permit modification applicant no longer operates the landfill; therefore, ADEM cannot grant the modification to Perry County Associates.
- A comment was made that the permit should be transferred to the current operator the liquidating trustee or Jasper Grading and Pipeline, Inc.
- A comment was received that very shortly the new owner of the landfill and permit will be Arrowhead III, LLC and we do not know about their financial status and whether or not they would be financially responsible in the event of closing or of a crisis.

RESPONSE TO COMMENTS

Perry County Associates, LLC was formed in Montgomery County, Alabama on June 10, 1999, and records from the Alabama Secretary of State do not indicate that said entity has been dissolved, cancelled, or terminated.

Perry County Associates, LLC has provided the Department with adequate financial assurance in compliance with the requirements of ADEM Administrative Code r. 335-13-4-.28. Additionally, once Perry County Associates, LLC declared bankruptcy, EPA Region 4 reviewed documentation of Perry County Associates, LLC's financial assurance and determined that it was also in compliance with the applicable federal requirements. Documentation of Perry County Associates, LLC's financial assurance is available on ADEM's e-file service located at www.adem.alabama.gov or by contacting the ADEM Records Manager at (334) 271-7712.

Before waste can be placed into a newly constructed cell, Perry County Associates, LLC would be required to increase the amount of financial assurance to meet the requirements of ADEM Administrative Code r. 335-13-4-.28. Therefore, in the event that Perry County Associates, LLC was not able to meet its financial obligations for closure and post-closure care of the landfill, ADEM would take possession of the posted financial assurance and see that the landfill is closed properly and maintained during the post closure period.

Perry County Associates, LLC has handled the daily operations of the landfill throughout the bankruptcy process. GreenGroup Holdings, LLC purchased all stock of Perry County Associates, LLC on December 21, 2011, and maintains ownership of the landfill facilities. GreenGroup Holdings, LLC will retain the permittee as Perry County Associates, LLC, and the financial assurance posted by Perry County Associates, LLC will remain in effect.

COMMENTS RELATED TO ADEM FUNDING

- A comment was made that ADEM has "greedily" accepted the money it gets from coal ash.
- A comment was made that ADEM is not funded by the State of Alabama; therefore, it has to get money by "any means."

RESPONSE TO COMMENTS

As required by State law, the State of Alabama through the Department of Revenue receives one dollar per ton tipping fee for waste disposed at every public landfill in the State. However, ADEM receives only a portion of this revenue to fund its Solid Waste Program. The rest is used to provide grants for recycling programs and to clean up unauthorized dumps.

A primary purpose of the ADEM Solid Waste Program is to ensure that landfills are operating in compliance with ADEM Administrative Code 335-13 and applicable State and federal law. Like many other regulatory programs, funding for these activities is partially derived from fees paid by the regulated community.

COMMENTS RELATED TO WETLANDS

- A comment was received questioning the impact this expansion would have on jurisdictional wetlands and waterways that are on this property or if such a study had been done. If one has not been done, then legally ADEM should not be able to give approval for this expansion.
- A comment was made stating that a 404 permit would have to be done before the permit could be issued which would require much more impact studies.

RESPONSE TO COMMENTS

Information as to the impact on jurisdictional wetlands and waterways can be found in Appendix H of the permit modification application. On October 18, 2010, Perry County Associates, LLC was issued a permit from the Corps. Of Engineers (Permit No.: SAM-2007-01549-SVL, Perry County Landfill) under Section 404 of the Clean Water Act.

COMMENTS RELATED TO HISTORICAL SITE ISSUES

- A comment was received that protection to on-site graves has not been provided and graves were bulldozed during landfill construction.
- A comment was made that there are eight historic sites designated by the Alabama Historical Commission located at the site.

RESPONSE TO COMMENTS

On September 20, 2005, and September 21, 2007, the applicant received concurrence from the Alabama Historical Commission that the permitted landfill would not impact historically sensitive artifacts. Any concerns with this assessment or Perry County Associates, LLC's compliance with any applicable conditions of that concurrence should be voiced to the Alabama Historical Commission. The Department has not been notified by the Alabama Historical

Commission of any issues or concerns that it has regarding the construction or operation of this facility.

COMMENTS RELATED TO ENVIRONMENTAL JUSTICE

- Several comments were made that this landfill was placed in a poor African American community and as a result, it is an environmental injustice. By placing the landfill in this community, the citizens have been subjected to groundwater contamination, surface water contamination, landfill gas emissions, disease vectors, odors, and traffic noise and safety problems.

RESPONSE TO COMMENTS

The proposed permit modification complies with all ADEM solid waste regulations; regulations which are based on EPA's RCRA Subtitle D regulations. The Subtitle D regulations were designed to prevent ground and surface water contamination, to prevent air pollution caused by landfill gas emissions, to prevent the attraction of rodents, flies, and other disease vectors, and to minimize odors. Therefore, any issue with the protectiveness of ADEM's solid waste standards is ultimately an issue with the EPA Subtitle D regulations and is a national problem; it is not with ADEM's implementation of its solid waste regulatory program.

To date, Arrowhead Landfill has had no significant noncompliance issues with its solid waste permit, thus there is no basis to conclude that the permittee will not comply with the terms and conditions of its permit modification. Should the permittee fail to comply with its permit, ADEM is committed to vigorously enforcing the terms and conditions of the permit.

Therefore, any alleged discriminatory impact would come as a result of the actual siting of the landfill near an area whose residents are protected by Title VI of the Civil Rights Act. ADEM, however, does not site landfills; that responsibility lies with the local host government.

COMMENTS RELATED TO PUBLIC HEARING

- A comment was made questioning what a public hearing is good for when ADEM does not answer questions.
- A comment was made that adequate notification was not given for the public hearing. Specifically, the notification was in the Selma Times-Journal and the Marion Times Journal, and the landfill is located in Uniontown. Furthermore, Uniontown does not have a locally circulated newspaper and that more people would have been at the hearing if they were properly notified.
- A comment was made requesting a list of the 25 people that were sent a notification of the hearing.

RESPONSE TO COMMENTS

The purpose of a public hearing is to provide the public with an opportunity to present oral testimony on the proposed modification of the permit. The public hearing is not a question and answer session. As stated numerous times during the Hearing, the Department will take the oral testimony presented during the public hearing into account when making a final determination on the modification.

The Department ensured that the public notice requirements of ADEM Administrative Code r. 335-13-5-.03 were met concerning the proposed modification. On November 9, 2011, a public notice of the Department's intent to modify the Arrowhead Landfill permit was published in the Marion Times and the Selma Times Journal. Since Uniontown does not have its own newspaper, these papers meet the minimum requirements for publication in a newspaper of general circulation in the municipality and in the official gazette, if any, of the jurisdiction. Additionally, notice of the date, time and purpose and place of the public hearing was made available on ADEM's internet website.

As required by ADEM's Solid Waste regulations, ADEM Admin. Code r. 335-13-5-.03(b)2, the 22 adjacent landowners to the Arrowhead Landfill received specific notice of the public comment period and public hearing by certified mail. A list of these adjacent landowners is located in Appendix C of the permit application.

The Department maintains a list of interested individuals who are mailed legal notices regarding proposed permits. Individuals wishing to receive such notices may contact the Permits & Services Division via telephone (334-271-7714), US Mail (P.O. Box 301463, Montgomery, AL 36130-1463), or e-mail (permitsmail@adem.state.al.us).

MISCELLANEOUS COMMENTS RELATED TO LOCAL ISSUES

- A comment was made that Uniontown does not need a landfill and it is not appreciated or accepted. Furthermore, the future of the town has been harmed by the landfill.
- A comment was made that the residents may need a landfill for their own waste, but do not need to accommodate the 33 states that have been permitted. Why should the landfill get waste from two-thirds of America?
- A comment was received that ADEM has cooperated with every increase in the amount of tonnage that comes here every day. The allowed tonnage has doubled. ADEM suggested that this permit be changed from only the state of Alabama to the 16 states.
- Several comments were made regarding property values dropping in the area.
- A comment was received that the landfill has created a lot of undesirable traffic in the community and mud is being left on the highways from trucks entering and leaving the landfill.

- A comment was made that the landfill is located around houses and churches and ADEM cares nothing about the people living right across the road from the dump. As a result the town has become the dumping ground for the rich and powerful.
- Several comments were made stating that a local health clinic should be provided to make assessments of local residents' current physical condition. Furthermore, Medicaid cards should be given to the adjacent landowners who live below the poverty line.

RESPONSE TO COMMENTS

The Department reviews the permit application to determine if the landfill can be constructed and operated in a manner which would be in compliance with the applicable State and Federal solid waste disposal requirements and thus, protective of public health and the environment. Therefore, the Department is limited in its analysis to technical comments concerning environmental matters. Comments concerning property values, transportation of the wastes, other socio-economic factors, and the service area of the landfill, are outside the Department's jurisdiction. Rather, these issues are to be considered by the local host government as part of the local approval process, in accordance with Code of Alabama §22-27-48(a). The Perry County Commission originally granted local approval to this landfill in 2005 and to a major modification in 2008.

The transportation of waste outside the landfill is under the jurisdiction of the Alabama Department of Public Health (ADPH), and the condition and maintenance of public roads would fall under the jurisdiction of the Perry County Commission or the Alabama Department of Transportation.

Unregulated Contaminant Monitoring Rule (UCMR 3) Data Report

Assessment Monitoring

PWS ID/Name	AL0001100	Uniontown Utilities Board
Sample Event Code/Sample Schedule	SE1	January, 2014
Facility ID/Name	90001	Well #1 Treatment Plant
Sample Point ID/Type/Name	RT01	EP EPTDS from City Hall TP
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
103903P	EPA 200.8	chromium	1/8/2014	=0.763
103903P	EPA 200.8	cobalt	1/8/2014	<1
103903P	EPA 200.8	germanium	1/8/2014	<1
103903P	EPA 200.8	manganese	1/8/2014	=20.214
103903P	EPA 200.8	molybdenum	1/8/2014	<1
103903P	EPA 200.8	strontium	1/8/2014	=44.219
103903P	EPA 200.8	tellurium	1/8/2014	<1
103903P	EPA 200.8	vanadium	1/8/2014	<0.2
103903P	EPA 218.7	chromium-6	1/8/2014	=0.773
103903P	EPA 300.1	chlorate	1/8/2014	<20
103903P	EPA 522	1,4-dioxane	1/8/2014	<0.07
103903P	EPA 524.3	1,1-dichloroethane	1/8/2014	<0.03
103903P	EPA 524.3	1,2,3-trichloropropane	1/8/2014	<0.03
103903P	EPA 524.3	1,3-butadiene	1/8/2014	<0.1
103903P	EPA 524.3	bromomethane	1/8/2014	<0.2
103903P	EPA 524.3	chloromethane	1/8/2014	<0.2
103903P	EPA 524.3	Halon 1011	1/8/2014	<0.06
103903P	EPA 524.3	HCFC-22	1/8/2014	<0.08
103903P	EPA 524.3	n-propylbenzene	1/8/2014	<0.03
103903P	EPA 524.3	sec-butylbenzene	1/8/2014	<0.04
103903P	EPA 537	PFBS	1/8/2014	<0.09
103903P	EPA 537	PFHpA	1/8/2014	<0.01
103903P	EPA 537	PFHxS	1/8/2014	<0.03
103903P	EPA 537	PFNA	1/8/2014	<0.02
103903P	EPA 537	PFOA	1/8/2014	<0.02
103903P	EPA 537	PFOS	1/8/2014	<0.04

Unregulated Contaminant Monitoring Rule (UCMR 3) Data Report

Assessment Monitoring

Facility ID/Name	90002	Well #2 Treatment Plant
Sample Point ID/Type/Name	RT01	EP EPTDS from James Ave. TP
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
103904P	EPA 200.8	chromium	1/8/2014	<0.2
103904P	EPA 200.8	cobalt	1/8/2014	<1
103904P	EPA 200.8	germanium	1/8/2014	<1
103904P	EPA 200.8	manganese	1/8/2014	=35.138
103904P	EPA 200.8	molybdenum	1/8/2014	<1
103904P	EPA 200.8	strontium	1/8/2014	=55.356
103904P	EPA 200.8	tellurium	1/8/2014	<1
103904P	EPA 200.8	vanadium	1/8/2014	<0.2
103904P	EPA 218.7	chromium-6	1/8/2014	<0.03
103904P	EPA 300.1	chlorate	1/8/2014	<20
103904P	EPA 522	1,4-dioxane	1/8/2014	<0.07
103904P	EPA 524.3	1,1-dichloroethane	1/8/2014	<0.03
103904P	EPA 524.3	1,2,3-trichloropropane	1/8/2014	<0.03
103904P	EPA 524.3	1,3-butadiene	1/8/2014	<0.1
103904P	EPA 524.3	bromomethane	1/8/2014	<0.2
103904P	EPA 524.3	chloromethane	1/8/2014	<0.2
103904P	EPA 524.3	Halon 1011	1/8/2014	<0.06
103904P	EPA 524.3	HCFC-22	1/8/2014	<0.08
103904P	EPA 524.3	n-propylbenzene	1/8/2014	<0.03
103904P	EPA 524.3	sec-butylbenzene	1/8/2014	<0.04
103904P	EPA 537	PFBS	1/8/2014	<0.09
103904P	EPA 537	PFHpA	1/8/2014	<0.01
103904P	EPA 537	PFHxS	1/8/2014	<0.03
103904P	EPA 537	PFNA	1/8/2014	<0.02
103904P	EPA 537	PFOA	1/8/2014	<0.02
103904P	EPA 537	PFOS	1/8/2014	<0.04

Unregulated Contaminant Monitoring Rule (UCMR 3) Data Report

Assessment Monitoring

Facility ID/Name	99200	Distribution System
Sample Point ID/Type/Name	DB201	MR 1871 Golf Course Road
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
303905P	EPA 200.8	chromium	1/8/2014	<0.2
303905P	EPA 200.8	cobalt	1/8/2014	<1
303905P	EPA 200.8	germanium	1/8/2014	<1
303905P	EPA 200.8	manganese	1/8/2014	=34.929
303905P	EPA 200.8	molybdenum	1/8/2014	<1
303905P	EPA 200.8	strontium	1/8/2014	=54.395
303905P	EPA 200.8	tellurium	1/8/2014	<1
303905P	EPA 200.8	vanadium	1/8/2014	<0.2
303905P	EPA 218.7	chromium-6	1/8/2014	<0.03
303905P	EPA 300.1	chlorate	1/8/2014	<20

Sample Point ID/Type/Name	DB202	MR 3555 Kelley Files Road
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
303906P	EPA 200.8	chromium	1/8/2014	<0.2
303906P	EPA 200.8	cobalt	1/8/2014	<1
303906P	EPA 200.8	germanium	1/8/2014	<1
303906P	EPA 200.8	manganese	1/8/2014	=18.558
303906P	EPA 200.8	molybdenum	1/8/2014	<1
303906P	EPA 200.8	strontium	1/8/2014	=54.305
303906P	EPA 200.8	tellurium	1/8/2014	<1
303906P	EPA 200.8	vanadium	1/8/2014	<0.2
303906P	EPA 218.7	chromium-6	1/8/2014	=0.126
303906P	EPA 300.1	chlorate	1/8/2014	<20

Unregulated Contaminant Monitoring Rule (UCMR 3) Data Report

Assessment Monitoring

¹Disinfectant types were collected for EPA Method 300.1: Gaseous Chlorine (CLGA), Offsite Generated Hypochlorite (CLOF), Onsite Generated Hypochlorite (CLON), Chloramine-formed from gaseous chlorine (CAGC), Chloramine-formed from offsite hypochlorite (CAOF), Chloramine-formed from onsite hypochlorite (CAON), Chlorine Dioxide (CLDO), Ozone (OZON), Ultraviolet Light (ULVL), Other (OTHD), No Disinfectant Used (NODU).

²In addition to reporting occurrence data for UCMR 3 target analytes, EPA tasked its small-system contract-support laboratories with reporting results for sec-butylbenzene, n-propylbenzene, tellurium, germanium, and manganese. These additional unregulated analytes are within the scope of the methods already being performed for the UCMR analytes. The CCR reporting requirement does not apply to these additional analytes.

³Results less than the minimum reporting level (MRL) are displayed with a less than sign (<) and the MRL. Reported values equal to or greater than the MRL are displayed with an equal sign (=) and the reported value from the laboratory. No data reportable (NDR) indicates that EPA could not obtain valid data for this contaminant during the scheduled sampling event.

⁴A detection of a UCMR 3 analyte above the MRL does not represent cause for concern, in itself. The implications of the detection should be judged considering health effects information, which is often still under development or being refined for unregulated contaminants. For more information on occurrence data consult "UCMR 3 Data Considerations, Definitions, Reference Concentrations and Summary PDF" at <http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/data.cfm#ucmr2013>.

TTL, Inc

Primary/Secondary Inorganics (PSI)

Telephone 205-345-

0816

Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 1 - Finished
Date Collected: 2/12/2013
TTL Lab Number: 130212034-001

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
Antimony, as Sb	< 0.005	2/14/2013	0.005	0.006	E200.9	1074	40170
Arsenic, as As	< 0.005	2/14/2013	0.005	0.01	E200.9	1005	40170
Barium, as Ba	< 0.050	2/19/2013	0.050	2	E200.7	1010	40170
Beryllium, as Be	< 0.001	2/19/2013	0.001	0.004	E200.7	1075	40170
Cadmium, as Cd	< 0.001	2/19/2013	0.001	0.005	E200.7	1015	40170
Chromium, as Cr	< 0.050	2/19/2013	0.050	0.1	E200.7	1020	40170
Cyanide, Total	< 0.010	2/18/2013	0.010	0.2	4500-CN C	1024	40170
Fluoride, as F	< 0.25	2/12/2013	0.25	4	E300	1025	40170
Lead, as Pb	< 0.005	2/15/2013	0.005	0.015	E200.9	1030	40170
Mercury, as Hg	< 0.001	2/21/2013	0.001		E245.1	1035	40170
Nickel, as Ni	< 0.050	2/19/2013	0.050	0.1	E200.7	1036	40170
Nitrogen, Nitrate, as NO3-N	0.21	2/12/2013	0.10	10	E300	1040	40170
Nitrogen, Nitrite, as NO2-N	< 0.10	2/12/2013	0.10	1	E300	1041	40170
Selenium, as Se	< 0.010	2/14/2013	0.010	0.05	E200.9	1045	40170
Sulfate, as SO4	5.72	2/12/2013	0.50	500	E300	1055	40170
Thallium, as Tl	< 0.001	2/14/2013	0.001	0.002	E200.9	1085	40170

A kalinity, Total (As CaCO3)	103	2/13/2013	0.01		M2320 B	1927	40170
Aluminum, as Al	< 0.050	2/19/2013	0.050	0.2	E200.7	1002	40170
Calcium, as Ca	1.50	2/19/2013	0.500		E200.7	1016	40170
Carbon Dioxide	< 1.0	2/13/2013	1.0		4500-CO2	1901	40170
Chloride, as Cl	4.70	2/12/2013	0.50	250	E300	1017	40170
Color	< 5	2/12/2013	5	15	M2120 B	1905	40170
Copper, as Cu	< 0.050	2/19/2013	0.050	1	E200.7	1022	40170
MBAS	< 0.05	2/13/2013	0.05	0.5	M5540 C	2905	40170
Hardness, Calcium/Magnesium (As CaCO3)	3.73	2/19/2013	1.00		E200.7	1915	40170
Iron, as Fe	< 0.050	2/19/2013	0.050	0.3	E200.7	1028	40170
Magnesium, as Mg	< 0.500	2/19/2013	0.500		E200.7	1031	40170
Manganese, as Mn	0.025	2/19/2013	0.010	0.05	E200.7	1032	40170
Odor	1	2/12/2013	1	3	M2150 B	1920	40170
pH	8.06	2/13/2013	0		M4500-HB	1925	40170
Silver, as Ag	< 0.050	2/19/2013	0.050	0.1	E200.7	1050	40170
Sodium, as Na	3.93	2/19/2013	0.500		E200.7	1052	40170
Specific Conductance	224	2/13/2013	1		M2510 B	1926	40170
Total Dissolved Solids	148	2/14/2013	20.0	500	M2540 C	1930	40170
Zinc, as Zn	< 0.050	2/19/2013	0.050	5	E200.7	1095	40170

Langelier Index	-1.26	2/27/2013	-10		24B LI		40170
Turbidity	0.56	2/12/2013	0.01		M2130 B		40170

The samples were analyzed in accordance with methods outlined in Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

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TTL, Inc

Primary/Secondary Inorganics (PSI)

Telephone 205-345-

0816

Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 2 - Finished
Date Collected: 2/12/2013
TTL Lab Number: 130212034-002

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
Antimony, as Sb	< 0.005	2/14/2013	0.005	0.006	E200.9	1074	40170
Arsenic, as As	< 0.005	2/14/2013	0.005	0.01	E200.9	1005	40170
Barium, as Ba	< 0.050	2/19/2013	0.050	2	E200.7	1010	40170
Beryllium, as Be	< 0.001	2/19/2013	0.001	0.004	E200.7	1075	40170
Cadmium, as Cd	< 0.001	2/19/2013	0.001	0.005	E200.7	1015	40170
Chromium, as Cr	< 0.050	2/19/2013	0.050	0.1	E200.7	1020	40170
Cyanide, Total	< 0.010	2/18/2013	0.010	0.2	4500-CN C	1024	40170
Fluoride, as F	0.29	2/12/2013	0.25	4	E300	1025	40170
Lead, as Pb	< 0.005	2/15/2013	0.005	0.015	E200.9	1030	40170
Mercury, as Hg	< 0.001	2/21/2013	0.001		E245.1	1035	40170
Nickel, as Ni	< 0.050	2/19/2013	0.050	0.1	E200.7	1036	40170
Nitrogen, Nitrate, as NO3-N	0.20	2/12/2013	0.10	10	E300	1040	40170
Nitrogen, Nitrite, as NO2-N	< 0.10	2/12/2013	0.10	1	E300	1041	40170
Selenium, as Se	< 0.010	2/14/2013	0.010	0.05	E200.9	1045	40170
Sulfate, as SO4	4.84	2/12/2013	0.50	500	E300	1055	40170
Thallium, as Tl	< 0.001	2/14/2013	0.001	0.002	E200.9	1085	40170

A kalinity, Total (As CaCO3)	92.4	2/13/2013	0.01		M2320 B	1927	40170
Aluminum, as Al	< 0.050	2/19/2013	0.050	0.2	E200.7	1002	40170
Calcium, as Ca	0.753	2/19/2013	0.500		E200.7	1016	40170
Carbon Dioxide	< 1.0	2/13/2013	1.0		4500-CO2	1901	40170
Chloride, as Cl	4.24	2/12/2013	0.50	250	E300	1017	40170
Color	< 5	2/12/2013	5	15	M2120 B	1905	40170
Copper, as Cu	< 0.050	2/19/2013	0.050	1	E200.7	1022	40170
MBAS	< 0.05	2/13/2013	0.05	0.5	M5540 C	2905	40170
Hardness, Calcium/Magnesium (As CaCO3)	1.88	2/19/2013	1.00		E200.7	1915	40170
Iron, as Fe	< 0.050	2/19/2013	0.050	0.3	E200.7	1028	40170
Magnesium, as Mg	< 0.500	2/19/2013	0.500		E200.7	1031	40170
Manganese, as Mn	< 0.010	2/19/2013	0.010	0.05	E200.7	1032	40170
Odor	< 1	2/12/2013	1	3	M2150 B	1920	40170
pH	8.10	2/13/2013	0		M4500-HB	1925	40170
Silver, as Ag	< 0.050	2/19/2013	0.050	0.1	E200.7	1050	40170
Sodium, as Na	5.84	2/19/2013	0.500		E200.7	1052	40170
Specific Conductance	196	2/13/2013	1		M2510 B	1926	40170
Total Dissolved Solids	124	2/14/2013	20.0	500	M2540 C	1930	40170
Zinc, as Zn	< 0.050	2/19/2013	0.050	5	E200.7	1095	40170

Langelier Index	-1.55	2/27/2013	-10		24B LI		40170
Turbidity	0.31	2/12/2013	0.01		M2130 B		40170

The samples were analyzed in accordance with methods outlined in Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

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BACTERIOLOGICAL RESULTS OF DRINKING WATER

0 0 0 1 1 0 0

PWS ID Number

Shaded Area For Lab Use Only

Standard Methods 20th Ed. Method
9223B Colilert® (ONPG-MUG)

Richard Vanderslice-Clie
Collector's Name

3346282011
Collector's Phone #

Uniontown, City of
System Served

Perry
County

Time Collected
0 7 3 0
24 Hour Clock

Date Collected
0 6 1 0 1 4
Month Day Year

Time Received
1 5 0 0
24 Hour Clock

Date Received
0 6 1 0 1 4
Month Day Year

	Collection Points	Cl ₂ mg/L	Sample Code	Membrane Filter					MMO-Mug				Uns.	Lab Number
				CA	CP	FA	FP	C/T	CA	CP	ECA	ECP		
1	201 Bunny St Monia Smith	0.4	D						X					140610053-001A
2	565 East Ave Mike Crocker	0.4	D						X					140610053-002A
3	200 Front St City Hall	0.2	D						X					140610053-003A
4	700 Washington J and B Auto	0.4	D						X					140610053-004A
5	1260 Washing ton Fish Plant	0.4	D						X					140610053-005A
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

	Collection Points		Sample Code	Total		Total	E. Coli	Uns.	Lab Number
				C/T	Coliform				
21	RAW	100 Front St City Hall W	T			0	0		140610053-006A
22	RAW	230 James Ave James	T			2	0		140610053-007A
23	RAW								
24	RAW								
25	RAW								

Sample Code Key
D-Distribution Sample
P-Repeat Sample
S-Special Sample

T-Total Coliform Sample
F-Fecal Coliform Sample
W-Private Well
R-Raw Special

Results Code
CA-Coliform absent
CP-Coliform present
ECA-E. coli absent
ECP-E. coli present
Uns.-Unsatisfactory

Unsatisfactory Codes
A - Sample exceeded holding time
B - Sample leaked in transit
D - Incomplete/incorrect Information
E - Laboratory accident
F - Unapproved sample bottle
G - Less than required sample volume
H - Sample cloudy after incubation
K - Sample contained excess chlorine
Z - Other

Mail Report To:

Mr. John Williams
Uniontown, City of
P.O. Box 1069
Uniontown, AL 36786

40170
Lab. ID Number
JDE
Analyst

WorkOrder: 140610053
Project: Monthly Drinking Water Coliform

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TTL, Inc

Primary/Secondary Inorganics (PSI)

Telephone 205-345-
0816
Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 1 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616023-001

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample
Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
Nitrogen, Nitrate, as NO3-N	< 0.10	6/16/2015	0.10	10	E300	1040	40170

The samples were analyzed in general accordance with methods outlined in Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

TTL, Inc

Primary/Secondary Inorganics (PSI)

Telephone 205-345-
0816
Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 2 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616023-002

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample
Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
Nitrogen, Nitrate, as NO3-N	< 0.10	6/16/2015	0.10	10	E300	1040	40170

The samples were analyzed in general accordance with methods outlined in Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 1 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616022-001

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
2,4,5-TP (Silvex)	< 0.0001	6/29/2015	0.0001	0.05	E515.2	2110	40170
2,4-D	< 0.0010	6/29/2015	0.0010	0.07	E515.2	2105	40170
Alachlor	< 0.0010	7/6/2015	0.0010	0.002	E525.2	2051	40170
Atrazine	< 0.0010	7/6/2015	0.0010	0.003	E525.2	2050	40170
Benzo(a)pyrene	< 0.0001	7/6/2015	0.0001	0.0002	E525.2	2306	40170
Carbofuran	< 0.020	6/26/2015	0.020	0.04	E531.2	2046	40170
Chlordane	< 0.00100	6/18/2015	0.00100	0.002	E505	2959	40170
Dalapon	< 0.00200	6/23/2015	0.00200	0.2	E552.2	2031	40170
1,2-D bromo-3-chloropropane	< 0.00001	6/24/2015	0.00001	0.0002	E504.1	2931	40170
bis(2-Ethylhexyl)adipate	< 0.0020	7/6/2015	0.0020	0.4	E525.2	2035	40170
Bis(2-ethylhexyl)phthalate	< 0.0020	7/6/2015	0.0020	0.006	E525.2	2039	40170
Dinoseb	< 0.0020	6/29/2015	0.0020	0.007	E515.2	2041	40170
Diquat	< 0.01	6/17/2015	0.01	0.02	E549.2	2932	40170
1,2-D bromoethane	< 0.00001	6/24/2015	0.00001	0.00005	E504.1	2946	40170
Endothall	< 0.05	6/22/2015	0.05	0.1	E548.1	2033	40170
Endrin	< 0.00020	6/18/2015	0.00020	0.002	E505	2005	40170
Glyphosate	< 0.25	6/17/2015	0.25	0.7	E547	2034	40170
Heptachlor	< 0.00010	6/18/2015	0.00010	0.0004	E505	2065	40170
Heptachlor epoxide	< 0.00010	6/18/2015	0.00010	0.0002	E505	2067	40170
Hexachlorobenzene	< 0.00050	6/18/2015	0.00050	0.001	E505	2274	40170
Hexachlorocyclopentadiene	< 0.01000	6/18/2015	0.01000	0.05	E505	2042	40170
gamma-BHC	< 0.00010	6/18/2015	0.00010	0.0002	E505	2010	40170
Methoxychlor	< 0.00200	6/18/2015	0.00200	0.04	E505	2015	40170
Oxamyl	< 0.020	6/26/2015	0.020	0.2	E531.2	2036	40170
Total Polychlorinated Biphenyls	< 0.00025	6/18/2015	0.00025	0.0005	E505	2383	40170
Pentachlorophenol	< 0.0001	6/29/2015	0.0001	0.001	E515.2	2326	40170
Picloram	< 0.0020	6/29/2015	0.0020	0.5	E515.2	2040	40170
Simazine	< 0.0020	7/6/2015	0.0020	0.004	E525.2	2037	40170
Toxaphene	< 0.00100	6/18/2015	0.00100	0.003	E505	2020	40170

3-Hydroxycarbofuran	< 0.020	6/26/2015	0.020		E531.2	2066	40170
Aldicarb	< 0.020	6/26/2015	0.020		E531.2	2047	40170
Aldicarb sulfone	< 0.020	6/26/2015	0.020		E531.2	2044	40170
Aldicarb sulfoxide	< 0.020	6/26/2015	0.020		E531.2	2043	40170
Aldrin	< 0.00100	6/18/2015	0.00100		E505	2356	40170
Butachlor	< 0.01000	6/18/2015	0.01000		E505	2076	40170
Carbaryl	< 0.020	6/26/2015	0.020		E531.2	2021	40170
Dicamba	< 0.0020	6/29/2015	0.0020		E515.2	2440	40170
Dieldrin	< 0.00100	6/18/2015	0.00100		E505	2070	40170
Methomyl	< 0.020	6/26/2015	0.020		E531.2	2022	40170
Metolachlor	< 0.01000	6/18/2015	0.01000		E505	2045	40170
Metr buzin	< 0.00200	6/18/2015	0.00200		E505	2595	40170
Propachlor	< 0.00200	6/18/2015	0.00200		E505	2077	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 2 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616022-002

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
2,4,5-TP (Silvex)	< 0.0001	6/30/2015	0.0001	0.05	E515.2	2110	40170
2,4-D	< 0.0010	6/30/2015	0.0010	0.07	E515.2	2105	40170
Alachlor	< 0.0010	7/6/2015	0.0010	0.002	E525.2	2051	40170
Atrazine	< 0.0010	7/6/2015	0.0010	0.003	E525.2	2050	40170
Benzo(a)pyrene	< 0.0001	7/6/2015	0.0001	0.0002	E525.2	2306	40170
Carbofuran	< 0.020	6/26/2015	0.020	0.04	E531.2	2046	40170
Chlordane	< 0.00100	6/18/2015	0.00100	0.002	E505	2959	40170
Dalapon	< 0.00200	6/23/2015	0.00200	0.2	E552.2	2031	40170
1,2-D bromo-3-chloropropane	< 0.00001	6/24/2015	0.00001	0.0002	E504.1	2931	40170
bis(2-Ethylhexyl)adipate	< 0.0020	7/6/2015	0.0020	0.4	E525.2	2035	40170
Bis(2-ethylhexyl)phthalate	< 0.0020	7/6/2015	0.0020	0.006	E525.2	2039	40170
Dinoseb	< 0.0020	6/30/2015	0.0020	0.007	E515.2	2041	40170
Diquat	< 0.01	6/17/2015	0.01	0.02	E549.2	2932	40170
1,2-D bromoethane	< 0.00001	6/24/2015	0.00001	0.00005	E504.1	2946	40170
Endothall	< 0.05	6/22/2015	0.05	0.1	E548.1	2033	40170
Endrin	< 0.00020	6/18/2015	0.00020	0.002	E505	2005	40170
Glyphosate	< 0.25	6/17/2015	0.25	0.7	E547	2034	40170
Heptachlor	< 0.00010	6/18/2015	0.00010	0.0004	E505	2065	40170
Heptachlor epoxide	< 0.00010	6/18/2015	0.00010	0.0002	E505	2067	40170
Hexachlorobenzene	< 0.00050	6/18/2015	0.00050	0.001	E505	2274	40170
Hexachlorocyclopentadiene	< 0.01000	6/18/2015	0.01000	0.05	E505	2042	40170
gamma-BHC	< 0.00010	6/18/2015	0.00010	0.0002	E505	2010	40170
Methoxychlor	< 0.00200	6/18/2015	0.00200	0.04	E505	2015	40170
Oxamyl	< 0.020	6/26/2015	0.020	0.2	E531.2	2036	40170
Total Polychlorinated Biphenyls	< 0.00025	6/18/2015	0.00025	0.0005	E505	2383	40170
Pentachlorophenol	< 0.0001	6/30/2015	0.0001	0.001	E515.2	2326	40170
Picloram	< 0.0020	6/30/2015	0.0020	0.5	E515.2	2040	40170
Simazine	< 0.0020	7/6/2015	0.0020	0.004	E525.2	2037	40170
Toxaphene	< 0.00100	6/18/2015	0.00100	0.003	E505	2020	40170

3-Hydroxycarbofuran	< 0.020	6/26/2015	0.020		E531.2	2066	40170
Aldicarb	< 0.020	6/26/2015	0.020		E531.2	2047	40170
Aldicarb sulfone	< 0.020	6/26/2015	0.020		E531.2	2044	40170
Aldicarb sulfoxide	< 0.020	6/26/2015	0.020		E531.2	2043	40170
Aldrin	< 0.00100	6/18/2015	0.00100		E505	2356	40170
Butachlor	< 0.01000	6/18/2015	0.01000		E505	2076	40170
Carbaryl	< 0.020	6/26/2015	0.020		E531.2	2021	40170
Dicamba	< 0.0020	6/30/2015	0.0020		E515.2	2440	40170
Dieldrin	< 0.00100	6/18/2015	0.00100		E505	2070	40170
Methomyl	< 0.020	6/26/2015	0.020		E531.2	2022	40170
Metolachlor	< 0.01000	6/18/2015	0.01000		E505	2045	40170
Metr buzin	< 0.00200	6/18/2015	0.00200		E505	2595	40170
Propachlor	< 0.00200	6/18/2015	0.00200		E505	2077	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Trip Blank
Date Collected: 6/16/2015
TTL Lab Number: 150616022-003

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample
Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
Glyphosate	< 0.25	6/17/2015	0.25	0.7	E547	2034	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 1 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616021-001

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, µg/L	Date Analyzed	MDL, µg/L	MCL, mg/L	Method	Code	Labid
1,1,1-Trichloroethane	< 0.500	6/23/2015	0.500	0.2	E524.2	2981	40170
1,1,2-Trichloroethane	< 0.500	6/23/2015	0.500	0.005	E524.2	2985	40170
1,1-Dichloroethene	< 0.500	6/23/2015	0.500	0.007	E524.2	2977	40170
1,2,4-Trichlorobenzene	< 0.500	6/23/2015	0.500	0.07	E524.2	2378	40170
1,2-Dichloroethane	< 0.500	6/23/2015	0.500	0.005	E524.2	2980	40170
1,2-Dichloropropane	< 0.500	6/23/2015	0.500	0.005	E524.2	2983	40170
Benzene	< 0.500	6/23/2015	0.500	0.005	E524.2	2990	40170
Carbon tetrachloride	< 0.500	6/23/2015	0.500	0.005	E524.2	2982	40170
cis-1,2-Dichloroethene	< 0.500	6/23/2015	0.500	0.07	E524.2	2380	40170
Ethy benzene	< 0.500	6/23/2015	0.500	0.7	E524.2	2992	40170
Methylene chloride	< 0.500	6/23/2015	0.500	0.005	E524.2	2964	40170
Chlorobenzene	< 0.500	6/23/2015	0.500	0.1	E524.2	2989	40170
1,2-Dichlorobenzene	< 0.500	6/23/2015	0.500	0.6	E524.2	2968	40170
1,4-Dichlorobenzene	< 0.500	6/23/2015	0.500	0.075	E524.2	2969	40170
Styrene	< 0.500	6/23/2015	0.500	0.1	E524.2	2996	40170
Trichloroethene	< 0.500	6/23/2015	0.500	0.005	E524.2	2984	40170
Tetrachloroethene	< 0.500	6/23/2015	0.500	0.005	E524.2	2987	40170
Toluene	< 0.500	6/23/2015	0.500	1	E524.2	2991	40170
trans-1,2-Dichloroethene	< 0.500	6/23/2015	0.500	0.1	E524.2	2979	40170
Vinyl chloride	< 0.500	6/23/2015	0.500	0.002	E524.2	2976	40170
Xylenes	< 0.500	6/23/2015	0.500	10	E524.2	2955	40170

1,1-Dichloropropene	< 0.500	6/23/2015	0.500		E524.2	2410	40170
1,1,1,2-Tetrachloroethane	< 0.500	6/23/2015	0.500		E524.2	2986	40170
1,1,2,2-Tetrachloroethane	< 0.500	6/23/2015	0.500		E524.2	2988	40170
1,1-Dichloroethane	< 0.500	6/23/2015	0.500		E524.2	2978	40170
1,2,3-Trichlorobenzene	< 0.500	6/23/2015	0.500		E524.2	2420	40170
1,2,3-Trichloropropane	< 0.500	6/23/2015	0.500		E524.2	2414	40170
1,2,4-Trimethylbenzene	< 0.500	6/23/2015	0.500		E524.2	2418	40170
1,3-Dichloropropane	< 0.500	6/23/2015	0.500		E524.2	2412	40170
1,3-Dichloropropene	< 0.500	6/23/2015	0.500		E524.2	2413	40170
1,3,5-Trimethylbenzene	< 0.500	6/23/2015	0.500		E524.2	2424	40170
2,2-Dichloropropane	< 0.500	6/23/2015	0.500		E524.2	2416	40170
Bromobenzene	< 0.500	6/23/2015	0.500		E524.2	2993	40170
Bromochloromethane	< 0.500	6/23/2015	0.500		E524.2	2430	40170
Bromodichloromethane	< 0.500	6/23/2015	0.500		E524.2	2943	40170
Bromoform	< 0.500	6/23/2015	0.500		E524.2	2942	40170
Bromomethane	< 0.500	6/23/2015	0.500		E524.2	2214	40170
Chloroethane	< 0.500	6/23/2015	0.500		E524.2	2216	40170
Chloroform	< 0.500	6/23/2015	0.500		E524.2	2941	40170
Chloromethane	< 0.500	6/23/2015	0.500		E524.2	2210	40170
Dibromochloromethane	< 0.500	6/23/2015	0.500		E524.2	2944	40170
Dibromomethane	< 0.500	6/23/2015	0.500		E524.2	2408	40170

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Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 1 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616021-001

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, µg/L	Date Analyzed	MDL, µg/L	MCL, mg/L	Method	Code	Labid
Dichlorodifluoromethane	< 0.500	6/23/2015	0.500		E524.2	2212	40170
Hexachlorobutadiene	< 0.500	6/23/2015	0.500		E524.2	2246	40170
Isopropyl benzene	< 0.500	6/23/2015	0.500		E524.2	2994	40170
1,3-Dichlorobenzene	< 0.500	6/23/2015	0.500		E524.2	2967	40170
Methyl tert-butyl ether	< 2.00	6/23/2015	2.00		E524.2	2251	40170
n-Butyl benzene	< 0.500	6/23/2015	0.500		E524.2	2422	40170
Naphthalene	< 0.500	6/23/2015	0.500		E524.2	2248	40170
n-Propylbenzene	< 0.500	6/23/2015	0.500		E524.2	2998	40170
2-Chlorotoluene	< 0.500	6/23/2015	0.500		E524.2	2965	40170
4-Chlorotoluene	< 0.500	6/23/2015	0.500		E524.2	2966	40170
4-Isopropyltoluene	< 0.500	6/23/2015	0.500		E524.2	2030	40170
sec-Butyl benzene	< 0.500	6/23/2015	0.500		E524.2	2428	40170
tert-Butylbenzene	< 0.500	6/23/2015	0.500		E524.2	2426	40170
Trichlorofluoromethane	< 0.500	6/23/2015	0.500		E524.2	2218	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 2 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616021-002

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, µg/L	Date Analyzed	MDL, µg/L	MCL, mg/L	Method	Code	Labid
1,1,1-Trichloroethane	< 0.500	6/30/2015	0.500	0.2	E524.2	2981	40170
1,1,2-Trichloroethane	< 0.500	6/30/2015	0.500	0.005	E524.2	2985	40170
1,1-Dichloroethene	< 0.500	6/30/2015	0.500	0.007	E524.2	2977	40170
1,2,4-Trichlorobenzene	< 0.500	6/30/2015	0.500	0.07	E524.2	2378	40170
1,2-Dichloroethane	< 0.500	6/30/2015	0.500	0.005	E524.2	2980	40170
1,2-Dichloropropane	< 0.500	6/30/2015	0.500	0.005	E524.2	2983	40170
Benzene	< 0.500	6/30/2015	0.500	0.005	E524.2	2990	40170
Carbon tetrachloride	< 0.500	6/30/2015	0.500	0.005	E524.2	2982	40170
cis-1,2-Dichloroethene	< 0.500	6/30/2015	0.500	0.07	E524.2	2380	40170
Ethy benzene	< 0.500	6/30/2015	0.500	0.7	E524.2	2992	40170
Methylene chloride	< 0.500	6/30/2015	0.500	0.005	E524.2	2964	40170
Chlorobenzene	< 0.500	6/30/2015	0.500	0.1	E524.2	2989	40170
1,2-Dichlorobenzene	< 0.500	6/30/2015	0.500	0.6	E524.2	2968	40170
1,4-Dichlorobenzene	< 0.500	6/30/2015	0.500	0.075	E524.2	2969	40170
Styrene	< 0.500	6/30/2015	0.500	0.1	E524.2	2996	40170
Trichloroethene	< 0.500	6/30/2015	0.500	0.005	E524.2	2984	40170
Tetrachloroethene	< 0.500	6/30/2015	0.500	0.005	E524.2	2987	40170
Toluene	< 0.500	6/30/2015	0.500	1	E524.2	2991	40170
trans-1,2-Dichloroethene	< 0.500	6/30/2015	0.500	0.1	E524.2	2979	40170
Vinyl chloride	< 0.500	6/30/2015	0.500	0.002	E524.2	2976	40170
Xylenes	< 0.500	6/30/2015	0.500	10	E524.2	2955	40170

1,1-Dichloropropene	< 0.500	6/30/2015	0.500		E524.2	2410	40170
1,1,1,2-Tetrachloroethane	< 0.500	6/30/2015	0.500		E524.2	2986	40170
1,1,2,2-Tetrachloroethane	< 0.500	6/30/2015	0.500		E524.2	2988	40170
1,1-Dichloroethane	< 0.500	6/30/2015	0.500		E524.2	2978	40170
1,2,3-Trichlorobenzene	< 0.500	6/30/2015	0.500		E524.2	2420	40170
1,2,3-Trichloropropane	< 0.500	6/30/2015	0.500		E524.2	2414	40170
1,2,4-Trimethylbenzene	< 0.500	6/30/2015	0.500		E524.2	2418	40170
1,3-Dichloropropane	< 0.500	6/30/2015	0.500		E524.2	2412	40170
1,3-Dichloropropene	< 0.500	6/30/2015	0.500		E524.2	2413	40170
1,3,5-Trimethylbenzene	< 0.500	6/30/2015	0.500		E524.2	2424	40170
2,2-Dichloropropane	< 0.500	6/30/2015	0.500		E524.2	2416	40170
Bromobenzene	< 0.500	6/30/2015	0.500		E524.2	2993	40170
Bromochloromethane	< 0.500	6/30/2015	0.500		E524.2	2430	40170
Bromodichloromethane	< 0.500	6/30/2015	0.500		E524.2	2943	40170
Bromoform	< 0.500	6/30/2015	0.500		E524.2	2942	40170
Bromomethane	< 0.500	6/30/2015	0.500		E524.2	2214	40170
Chloroethane	< 0.500	6/30/2015	0.500		E524.2	2216	40170
Chloroform	< 0.500	6/30/2015	0.500		E524.2	2941	40170
Chloromethane	< 0.500	6/30/2015	0.500		E524.2	2210	40170
Dibromochloromethane	< 0.500	6/30/2015	0.500		E524.2	2944	40170
Dibromomethane	< 0.500	6/30/2015	0.500		E524.2	2408	40170

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Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 2 - Finished
Date Collected: 6/16/2015
TTL Lab Number: 150616021-002

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, µg/L	Date Analyzed	MDL, µg/L	MCL, mg/L	Method	Code	Labid
Dichlorodifluoromethane	< 0.500	6/30/2015	0.500		E524.2	2212	40170
Hexachlorobutadiene	< 0.500	6/30/2015	0.500		E524.2	2246	40170
Isopropyl benzene	< 0.500	6/30/2015	0.500		E524.2	2994	40170
1,3-Dichlorobenzene	< 0.500	6/30/2015	0.500		E524.2	2967	40170
Methyl tert-butyl ether	< 2.00	6/30/2015	2.00		E524.2	2251	40170
n-Butyl benzene	< 0.500	6/30/2015	0.500		E524.2	2422	40170
Naphthalene	< 0.500	6/30/2015	0.500		E524.2	2248	40170
n-Propylbenzene	< 0.500	6/30/2015	0.500		E524.2	2998	40170
2-Chlorotoluene	< 0.500	6/30/2015	0.500		E524.2	2965	40170
4-Chlorotoluene	< 0.500	6/30/2015	0.500		E524.2	2966	40170
4-Isopropyltoluene	< 0.500	6/30/2015	0.500		E524.2	2030	40170
sec-Butyl benzene	< 0.500	6/30/2015	0.500		E524.2	2428	40170
tert-Butylbenzene	< 0.500	6/30/2015	0.500		E524.2	2426	40170
Trichlorofluoromethane	< 0.500	6/30/2015	0.500		E524.2	2218	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Trip Blank
Date Collected: 6/16/2015
TTL Lab Number: 150616021-003

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, µg/L	Date Analyzed	MDL, µg/L	MCL, mg/L	Method	Code	Labid
1,1,1-Trichloroethane	< 0.500	6/23/2015	0.500	0.2	E524.2	2981	40170
1,1,2-Trichloroethane	< 0.500	6/23/2015	0.500	0.005	E524.2	2985	40170
1,1-Dichloroethene	< 0.500	6/23/2015	0.500	0.007	E524.2	2977	40170
1,2,4-Trichlorobenzene	< 0.500	6/23/2015	0.500	0.07	E524.2	2378	40170
1,2-Dichloroethane	< 0.500	6/23/2015	0.500	0.005	E524.2	2980	40170
1,2-Dichloropropane	< 0.500	6/23/2015	0.500	0.005	E524.2	2983	40170
Benzene	< 0.500	6/23/2015	0.500	0.005	E524.2	2990	40170
Carbon tetrachloride	< 0.500	6/23/2015	0.500	0.005	E524.2	2982	40170
cis-1,2-Dichloroethene	< 0.500	6/23/2015	0.500	0.07	E524.2	2380	40170
Ethy benzene	< 0.500	6/23/2015	0.500	0.7	E524.2	2992	40170
Methylene chloride	< 0.500	6/23/2015	0.500	0.005	E524.2	2964	40170
Chlorobenzene	< 0.500	6/23/2015	0.500	0.1	E524.2	2989	40170
1,2-Dichlorobenzene	< 0.500	6/23/2015	0.500	0.6	E524.2	2968	40170
1,4-Dichlorobenzene	< 0.500	6/23/2015	0.500	0.075	E524.2	2969	40170
Styrene	< 0.500	6/23/2015	0.500	0.1	E524.2	2996	40170
Trichloroethene	< 0.500	6/23/2015	0.500	0.005	E524.2	2984	40170
Tetrachloroethene	< 0.500	6/23/2015	0.500	0.005	E524.2	2987	40170
Toluene	< 0.500	6/23/2015	0.500	1	E524.2	2991	40170
trans-1,2-Dichloroethene	< 0.500	6/23/2015	0.500	0.1	E524.2	2979	40170
Vinyl chloride	< 0.500	6/23/2015	0.500	0.002	E524.2	2976	40170
Xylenes	< 0.500	6/23/2015	0.500	10	E524.2	2955	40170

1,1-Dichloropropene	< 0.500	6/23/2015	0.500		E524.2	2410	40170
1,1,1,2-Tetrachloroethane	< 0.500	6/23/2015	0.500		E524.2	2986	40170
1,1,2,2-Tetrachloroethane	< 0.500	6/23/2015	0.500		E524.2	2988	40170
1,1-Dichloroethane	< 0.500	6/23/2015	0.500		E524.2	2978	40170
1,2,3-Trichlorobenzene	< 0.500	6/23/2015	0.500		E524.2	2420	40170
1,2,3-Trichloropropane	< 0.500	6/23/2015	0.500		E524.2	2414	40170
1,2,4-Trimethylbenzene	< 0.500	6/23/2015	0.500		E524.2	2418	40170
1,3-Dichloropropane	< 0.500	6/23/2015	0.500		E524.2	2412	40170
1,3-Dichloropropene	< 0.500	6/23/2015	0.500		E524.2	2413	40170
1,3,5-Trimethylbenzene	< 0.500	6/23/2015	0.500		E524.2	2424	40170
2,2-Dichloropropane	< 0.500	6/23/2015	0.500		E524.2	2416	40170
Bromobenzene	< 0.500	6/23/2015	0.500		E524.2	2993	40170
Bromochloromethane	< 0.500	6/23/2015	0.500		E524.2	2430	40170
Bromodichloromethane	< 0.500	6/23/2015	0.500		E524.2	2943	40170
Bromoform	< 0.500	6/23/2015	0.500		E524.2	2942	40170
Bromomethane	< 0.500	6/23/2015	0.500		E524.2	2214	40170
Chloroethane	< 0.500	6/23/2015	0.500		E524.2	2216	40170
Chloroform	< 0.500	6/23/2015	0.500		E524.2	2941	40170
Chloromethane	< 0.500	6/23/2015	0.500		E524.2	2210	40170
Dibromochloromethane	< 0.500	6/23/2015	0.500		E524.2	2944	40170
Dibromomethane	< 0.500	6/23/2015	0.500		E524.2	2408	40170

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Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Trip Blank
Date Collected: 6/16/2015
TTL Lab Number: 150616021-003

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, µg/L	Date Analyzed	MDL, µg/L	MCL, mg/L	Method	Code	Labid
Dichlorodifluoromethane	< 0.500	6/23/2015	0.500		E524.2	2212	40170
Hexachlorobutadiene	< 0.500	6/23/2015	0.500		E524.2	2246	40170
Isopropyl benzene	< 0.500	6/23/2015	0.500		E524.2	2994	40170
1,3-Dichlorobenzene	< 0.500	6/23/2015	0.500		E524.2	2967	40170
Methyl tert-butyl ether	< 2.00	6/23/2015	2.00		E524.2	2251	40170
n-Butyl benzene	< 0.500	6/23/2015	0.500		E524.2	2422	40170
Naphthalene	< 0.500	6/23/2015	0.500		E524.2	2248	40170
n-Propylbenzene	< 0.500	6/23/2015	0.500		E524.2	2998	40170
2-Chlorotoluene	< 0.500	6/23/2015	0.500		E524.2	2965	40170
4-Chlorotoluene	< 0.500	6/23/2015	0.500		E524.2	2966	40170
4-Isopropyltoluene	< 0.500	6/23/2015	0.500		E524.2	2030	40170
sec-Butyl benzene	< 0.500	6/23/2015	0.500		E524.2	2428	40170
tert-Butylbenzene	< 0.500	6/23/2015	0.500		E524.2	2426	40170
Trichlorofluoromethane	< 0.500	6/23/2015	0.500		E524.2	2218	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

PWS ID/Name	AL0001100	Uniontown Utilities Board
Sample Event Code/Sample Schedule	SE2	July, 2014
Facility ID/Name	90001	Well #1 Treatment Plant
Sample Point ID/Type/Name	RT01	EP EPTDS from City Hall TP
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
107876P	EPA 200.8	chromium	7/9/2014	<0.2
107876P	EPA 200.8	cobalt	7/9/2014	<1
107876P	EPA 200.8	germanium	7/9/2014	<1
107876P	EPA 200.8	manganese	7/9/2014	=14.2
107876P	EPA 200.8	molybdenum	7/9/2014	<1
107876P	EPA 200.8	strontium	7/9/2014	=39.5
107876P	EPA 200.8	tellurium	7/9/2014	<1
107876P	EPA 200.8	vanadium	7/9/2014	<0.2
107876P	EPA 218.7	chromium-6	7/9/2014	<0.03
107876P	EPA 300.1	chlorate	7/9/2014	<20
107876P	EPA 522	1,4-dioxane	7/9/2014	<0.07
107876P	EPA 524.3	1,1-dichloroethane	7/9/2014	<0.03
107876P	EPA 524.3	1,2,3-trichloropropane	7/9/2014	<0.03
107876P	EPA 524.3	1,3-butadiene	7/9/2014	<0.1
107876P	EPA 524.3	bromomethane	7/9/2014	<0.2
107876P	EPA 524.3	chloromethane	7/9/2014	<0.2
107876P	EPA 524.3	Halon 1011	7/9/2014	<0.06
107876P	EPA 524.3	HCFC-22	7/9/2014	<0.08
107876P	EPA 524.3	n-propylbenzene	7/9/2014	<0.03
107876P	EPA 524.3	sec-butylbenzene	7/9/2014	<0.04
107876P	EPA 537	PFBS	7/9/2014	<0.09
107876P	EPA 537	PFHpA	7/9/2014	<0.01
107876P	EPA 537	PFHxS	7/9/2014	<0.03
107876P	EPA 537	PFNA	7/9/2014	<0.02
107876P	EPA 537	PFOA	7/9/2014	<0.02
107876P	EPA 537	PFOS	7/9/2014	<0.04

Unregulated Contaminant Monitoring Rule (UCMR3) Data Report

Assessment Monitoring

Facility ID/Name	90002	Well #2 Treatment Plant
Sample Point ID/Type/Name	RT01	EP EPTDS from James Ave. TP
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
107877P	EPA 200.8	chromium	7/9/2014	<0.2
107877P	EPA 200.8	cobalt	7/9/2014	<1
107877P	EPA 200.8	germanium	7/9/2014	<1
107877P	EPA 200.8	manganese	7/9/2014	=34.3
107877P	EPA 200.8	molybdenum	7/9/2014	<1
107877P	EPA 200.8	strontium	7/9/2014	=54.9
107877P	EPA 200.8	tellurium	7/9/2014	<1
107877P	EPA 200.8	vanadium	7/9/2014	<0.2
108983R	EPA 218.7	chromium-6	7/31/2014	<0.03
107877P	EPA 300.1	chlorate	7/9/2014	<20
107877P	EPA 522	1,4-dioxane	7/9/2014	<0.07
107877P	EPA 524.3	1,1-dichloroethane	7/9/2014	<0.03
107877P	EPA 524.3	1,2,3-trichloropropane	7/9/2014	<0.03
107877P	EPA 524.3	1,3-butadiene	7/9/2014	<0.1
107877P	EPA 524.3	bromomethane	7/9/2014	<0.2
107877P	EPA 524.3	chloromethane	7/9/2014	<0.2
107877P	EPA 524.3	Halon 1011	7/9/2014	<0.06
107877P	EPA 524.3	HCFC-22	7/9/2014	<0.08
107877P	EPA 524.3	n-propylbenzene	7/9/2014	<0.03
107877P	EPA 524.3	sec-butylbenzene	7/9/2014	<0.04
107877P	EPA 537	PFBS	7/9/2014	<0.09
107877P	EPA 537	PFHpA	7/9/2014	<0.01
107877P	EPA 537	PFHxS	7/9/2014	<0.03
107877P	EPA 537	PFNA	7/9/2014	<0.02
107877P	EPA 537	PFOA	7/9/2014	<0.02
107877P	EPA 537	PFOS	7/9/2014	<0.04

Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

Facility ID/Name	99200	Distribution System
Sample Point ID/Type/Name	DB201	MR 1871 Golf Course Road
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
307972P	EPA 200.8	chromium	7/9/2014	<0.2
307972P	EPA 200.8	cobalt	7/9/2014	<1
307972P	EPA 200.8	germanium	7/9/2014	<1
307972P	EPA 200.8	manganese	7/9/2014	=18.9
307972P	EPA 200.8	molybdenum	7/9/2014	<1
307972P	EPA 200.8	strontium	7/9/2014	=51.3
307972P	EPA 200.8	tellurium	7/9/2014	<1
307972P	EPA 200.8	vanadium	7/9/2014	<0.2
307972P	EPA 218.7	chromium-6	7/9/2014	<0.03
307972P	EPA 300.1	chlorate	7/9/2014	<20

Sample Point ID/Type/Name	DB202	MR 3555 Kelley Files Road
Disinfectant Type ¹	CLGA	

Sample Kit ID	Method ID	Analyte Name ²	Collection Date	Reported Value ³ (µg/L) ⁴
307973P	EPA 200.8	chromium	7/9/2014	<0.2
307973P	EPA 200.8	cobalt	7/9/2014	<1
307973P	EPA 200.8	germanium	7/9/2014	<1
307973P	EPA 200.8	manganese	7/9/2014	=11.8
307973P	EPA 200.8	molybdenum	7/9/2014	<1
307973P	EPA 200.8	strontium	7/9/2014	=51.9
307973P	EPA 200.8	tellurium	7/9/2014	<1
307973P	EPA 200.8	vanadium	7/9/2014	<0.2
307973P	EPA 218.7	chromium-6	7/9/2014	<0.03
307973P	EPA 300.1	chlorate	7/9/2014	<20

Unregulated Contaminant Monitoring Rule (UCMR3) Data Report

Assessment Monitoring

¹Disinfectant types were collected for EPA Method 300.1: Gaseous Chlorine (CLGA), Offsite Generated Hypochlorite (CLOF), Onsite Generated Hypochlorite (CLON), Chloramine-formed from gaseous chlorine (CAGC), Chloramine-formed from offsite hypochlorite (CAOF), Chloramine-formed from onsite hypochlorite (CAON), Chlorine Dioxide (CLDO), Ozone (OZON), Ultraviolet Light (ULVL), Other (OTHD), No Disinfectant Used (NODU).

²In addition to reporting occurrence data for UCMR3 target analytes, EPA tasked its small-system contract-support laboratories with reporting results for sec-butylbenzene, n-propylbenzene, tellurium, germanium, and manganese. These additional unregulated analytes are within the scope of the methods already being performed for the UCMR analytes. The CCR reporting requirement does not apply to these additional analytes.

³Results less than the minimum reporting level (MRL) are displayed with a less than sign (<) and the MRL. Reported values equal to or greater than the MRL are displayed with an equal sign (=) and the reported value from the laboratory. No data reportable (NDR) indicates that EPA could not obtain valid data for this contaminant during the scheduled sampling event.

⁴A detection of a UCMR3 analyte above the MRL does not represent cause for concern, in itself. The implications of the detection should be judged considering health effects information, which is often still under development or being refined for unregulated contaminants. For more information on occurrence data consult "UCMR 3 Data Considerations, Definitions, Reference Concentrations and Summary PDF" at <http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/data.cfm#ucmr2013>.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Date Collected: 9/9/2014
Date Analyzed: 9/18/2014

Labid: 40170
Pwsid: 1100
TTL Lab Number: 140909031

Location	Type (M or R)	Chloroacetic acid, µg/L	Bromoacetic acid, µg/L	Dichloroacetic acid, µg/L	Trichloroacetic acid, µg/L	Dibromoacetic acid, µg/L	Total Haloacetic Acids, µg/L
Site 1 - 1871 Golf Course Road (Highway 183 North)		< 2.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Site 2 - 3355 Kelley Files Road (County Road 65 S)		< 2.00	< 1.00	1.10	< 1.00	< 1.00	1.10

TTL, Inc

Disinfection Byproducts - TTHMs by EPA Method 524.

Telephone 205-345-0816
Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Date Collected: 9/9/2014
Date Analyzed: 9/10/2014

Labid: 40170
Pwsid: 1100
TTL Lab Number: 140909031

Location	Type (M or R)	Chloroform, µg/L	Bromodichloro methane, µg/L	Dibromochloro methane, µg/L	Bromoform, µg/L	Total Trihalomethanes, µg/L
Site 1 - 1871 Golf Course Road (Highway 183 North)		1.69	1.37	1.22	< 1.00	4.28
Site 2 - 3355 Kelley Files Road (County Road 65 S)		2.14	1.66	1.11	< 1.00	4.91
Trip Blank		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

TTL, Inc

Disinfection Byproducts - TTHM

Telephone 205-345-0816
Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Date Collected: 9/13/2013
Date Analyzed: 9/17/2013

Labid: 40170
Pwsid: 1100
TTL Lab Number: 130913021

Location	Type (M or R)	Chloroform, µg/L	Bromodichloro methane, µg/L	Dibromochloro methane, µg/L	Bromoform, µg/L	Total Trihalomethanes, µg/L
Site 1 - 1871 Golf Course Road (Highway 183 North)		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Site 2 - 3355 Kelley Files Road (County Road 65 S)		2.57	1.40	< 1.00	< 1.00	3.97
Trip Blank		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

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Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Date Collected: 9/13/2013
Date Analyzed: 9/23/2013

Labid: 40170
Pwsid: 1100
TTL Lab Number: 130913021

Location	Type (M or R)	Chloroacetic acid, µg/L	Bromoacetic acid, µg/L	Dichloroacetic acid, µg/L	Trichloroacetic acid, µg/L	Dibromoacetic acid, µg/L	Total Haloacetic Acids, µg/L
Site 1 - 1871 Golf Course Road (Highway 183 North)		< 2.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Site 2 - 3355 Kelley Files Road (County Road 65 S)		< 2.00	< 1.00	1.58	< 1.00	< 1.00	1.58

TTL, Inc

Disinfection Byproducts - HAA5s by EPA Method 552.

Telephone 205-345-0816
Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Date Collected: 9/18/2015
Date Analyzed: 9/24/2015

Labid: 40170
Pwsid: 1100
TTL Lab Number: 150918062

Location	Type (M or R)	Chloroacetic acid, µg/L	Bromoacetic acid, µg/L	Dichloroacetic acid, µg/L	Trichloroacetic acid, µg/L	Dibromoacetic acid, µg/L	Total Haloacetic Acids, µg/L
Site 1 - 1871 Golf Course Road (Highway 183 North)		< 2.00	< 1.00	1.18	< 1.00	< 1.00	1.18
Site 2 - 3355 Kelley Files Road (County Road 65 S)		< 2.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

TTL, Inc

Disinfection Byproducts - TTHMs by EPA Method 524.

Telephone 205-345-0816
Fax 205-345-0992

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Date Collected: 9/18/2015
Date Analyzed: 9/22/2015

Labid: 40170
Pwsid: 1100
TTL Lab Number: 150918062

Location	Type (M or R)	Chloroform, µg/L	Bromodichloro methane, µg/L	Dibromochloro methane, µg/L	Bromoform, µg/L	Total Trihalomethanes, µg/L
Site 1 - 1871 Golf Course Road (Highway 183 North)		1.71	< 1.00	< 1.00	< 1.00	1.71
Site 2 - 3355 Kelley Files Road (County Road 65 S)		1.53	1.07	< 1.00	< 1.00	2.60
Trip Blank		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 1 - Finished
Date Collected: 9/18/2015
TTL Lab Number: 150918061-001

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
2,4,5-TP (Silvex)	< 0.0001	9/30/2015	0.0001	0.05	E515.2	2110	40170
2,4-D	< 0.0010	9/30/2015	0.0010	0.07	E515.2	2105	40170
Alachlor	< 0.0010	9/29/2015	0.0010	0.002	E525.2	2051	40170
Atrazine	< 0.0010	9/29/2015	0.0010	0.003	E525.2	2050	40170
Benzo(a)pyrene	< 0.0001	9/29/2015	0.0001	0.0002	E525.2	2306	40170
Carbofuran	< 0.020	9/21/2015	0.020	0.04	E531.2	2046	40170
Chlordane	< 0.00100	9/21/2015	0.00100	0.002	E505	2959	40170
Dalapon	< 0.00200	9/25/2015	0.00200	0.2	E552.2	2031	40170
1,2-D bromo-3-chloropropane	< 0.00001	9/29/2015	0.00001	0.0002	E504.1	2931	40170
bis(2-Ethylhexyl)adipate	< 0.0020	9/29/2015	0.0020	0.4	E525.2	2035	40170
Bis(2-ethylhexyl)phthalate	< 0.0020	9/29/2015	0.0020	0.006	E525.2	2039	40170
Dinoseb	< 0.0020	9/30/2015	0.0020	0.007	E515.2	2041	40170
Diquat	< 0.01	9/29/2015	0.01	0.02	E549.2	2932	40170
1,2-D bromoethane	< 0.00001	9/29/2015	0.00001	0.00005	E504.1	2946	40170
Endothall	< 0.05	9/24/2015	0.05	0.1	E548.1	2033	40170
Endrin	< 0.00020	9/21/2015	0.00020	0.002	E505	2005	40170
Glyphosate	< 0.25	9/28/2015	0.25	0.7	E547	2034	40170
Heptachlor	< 0.00010	9/21/2015	0.00010	0.0004	E505	2065	40170
Heptachlor epoxide	< 0.00010	9/21/2015	0.00010	0.0002	E505	2067	40170
Hexachlorobenzene	< 0.00050	9/21/2015	0.00050	0.001	E505	2274	40170
Hexachlorocyclopentadiene	< 0.01000	9/21/2015	0.01000	0.05	E505	2042	40170
gamma-BHC	< 0.00010	9/21/2015	0.00010	0.0002	E505	2010	40170
Methoxychlor	< 0.00200	9/21/2015	0.00200	0.04	E505	2015	40170
Oxamyl	< 0.020	9/21/2015	0.020	0.2	E531.2	2036	40170
Total Polychlorinated Biphenyls	< 0.00025	9/21/2015	0.00025	0.0005	E505	2383	40170
Pentachlorophenol	< 0.0001	9/30/2015	0.0001	0.001	E515.2	2326	40170
Picloram	< 0.0020	9/30/2015	0.0020	0.5	E515.2	2040	40170
Simazine	< 0.0020	9/29/2015	0.0020	0.004	E525.2	2037	40170
Toxaphene	< 0.00100	9/21/2015	0.00100	0.003	E505	2020	40170

3-Hydroxycarbofuran	< 0.020	9/21/2015	0.020		E531.2	2066	40170
Aldicarb	< 0.020	9/21/2015	0.020		E531.2	2047	40170
Aldicarb sulfone	< 0.020	9/21/2015	0.020		E531.2	2044	40170
Aldicarb sulfoxide	< 0.020	9/21/2015	0.020		E531.2	2043	40170
Aldrin	< 0.00100	9/21/2015	0.00100		E505	2356	40170
Butachlor	< 0.01000	9/21/2015	0.01000		E505	2076	40170
Carbaryl	< 0.020	9/21/2015	0.020		E531.2	2021	40170
Dicamba	< 0.0020	9/30/2015	0.0020		E515.2	2440	40170
Dieldrin	< 0.00100	9/21/2015	0.00100		E505	2070	40170
Methomyl	< 0.020	9/21/2015	0.020		E531.2	2022	40170
Metolachlor	< 0.01000	9/21/2015	0.01000		E505	2045	40170
Metr buzin	< 0.00200	9/21/2015	0.00200		E505	2595	40170
Propachlor	< 0.00200	9/21/2015	0.00200		E505	2077	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Well 2 - Finished
Date Collected: 9/18/2015
TTL Lab Number: 150918061-002

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
2,4,5-TP (Silvex)	< 0.0001	9/30/2015	0.0001	0.05	E515.2	2110	40170
2,4-D	< 0.0010	9/30/2015	0.0010	0.07	E515.2	2105	40170
Alachlor	< 0.0010	9/29/2015	0.0010	0.002	E525.2	2051	40170
Atrazine	< 0.0010	9/29/2015	0.0010	0.003	E525.2	2050	40170
Benzo(a)pyrene	< 0.0001	9/29/2015	0.0001	0.0002	E525.2	2306	40170
Carbofuran	< 0.020	9/21/2015	0.020	0.04	E531.2	2046	40170
Chlordane	< 0.00100	9/24/2015	0.00100	0.002	E505	2959	40170
Dalapon	< 0.00200	9/25/2015	0.00200	0.2	E552.2	2031	40170
1,2-D bromo-3-chloropropane	< 0.00001	9/29/2015	0.00001	0.0002	E504.1	2931	40170
bis(2-Ethylhexyl)adipate	< 0.0020	9/29/2015	0.0020	0.4	E525.2	2035	40170
Bis(2-ethylhexyl)phthalate	< 0.0020	9/29/2015	0.0020	0.006	E525.2	2039	40170
Dinoseb	< 0.0020	9/30/2015	0.0020	0.007	E515.2	2041	40170
Diquat	< 0.01	9/29/2015	0.01	0.02	E549.2	2932	40170
1,2-D bromoethane	< 0.00001	9/29/2015	0.00001	0.00005	E504.1	2946	40170
Endothall	< 0.05	9/24/2015	0.05	0.1	E548.1	2033	40170
Endrin	< 0.00020	9/24/2015	0.00020	0.002	E505	2005	40170
Glyphosate	< 0.25	9/28/2015	0.25	0.7	E547	2034	40170
Heptachlor	< 0.00010	9/24/2015	0.00010	0.0004	E505	2065	40170
Heptachlor epoxide	< 0.00010	9/24/2015	0.00010	0.0002	E505	2067	40170
Hexachlorobenzene	< 0.00050	9/24/2015	0.00050	0.001	E505	2274	40170
Hexachlorocyclopentadiene	< 0.01000	9/24/2015	0.01000	0.05	E505	2042	40170
gamma-BHC	< 0.00010	9/24/2015	0.00010	0.0002	E505	2010	40170
Methoxychlor	< 0.00200	9/24/2015	0.00200	0.04	E505	2015	40170
Oxamyl	< 0.020	9/21/2015	0.020	0.2	E531.2	2036	40170
Total Polychlorinated Biphenyls	< 0.00025	9/24/2015	0.00025	0.0005	E505	2383	40170
Pentachlorophenol	< 0.0001	9/30/2015	0.0001	0.001	E515.2	2326	40170
Picloram	< 0.0020	9/30/2015	0.0020	0.5	E515.2	2040	40170
Simazine	< 0.0020	9/29/2015	0.0020	0.004	E525.2	2037	40170
Toxaphene	< 0.00100	9/24/2015	0.00100	0.003	E505	2020	40170

3-Hydroxycarbofuran	< 0.020	9/21/2015	0.020		E531.2	2066	40170
Aldicarb	< 0.020	9/21/2015	0.020		E531.2	2047	40170
Aldicarb sulfone	< 0.020	9/21/2015	0.020		E531.2	2044	40170
Aldicarb sulfoxide	< 0.020	9/21/2015	0.020		E531.2	2043	40170
Aldrin	< 0.00100	9/24/2015	0.00100		E505	2356	40170
Butachlor	< 0.01000	9/24/2015	0.01000		E505	2076	40170
Carbaryl	< 0.020	9/21/2015	0.020		E531.2	2021	40170
Dicamba	< 0.0020	9/30/2015	0.0020		E515.2	2440	40170
Dieldrin	< 0.00100	9/24/2015	0.00100		E505	2070	40170
Methomyl	< 0.020	9/21/2015	0.020		E531.2	2022	40170
Metolachlor	< 0.01000	9/24/2015	0.01000		E505	2045	40170
Metr buzin	< 0.00200	9/24/2015	0.00200		E505	2595	40170
Propachlor	< 0.00200	9/24/2015	0.00200		E505	2077	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

Laboratory: TTL, Inc.
System: Uniontown Utilities Board
Source: Trip Blank
Date Collected: 9/18/2015
TTL Lab Number: 150918061-003

Labid: 40170
Pwsid: 0001100
Sourceid:
Sample
Type (D/R):

Contaminant	Results, mg/L	Date Analyzed	MDL, mg/L	MCL, mg/L	Method	Code	Labid
Glyphosate	< 0.25	9/28/2015	0.25	0.7	E547	2034	40170

The samples were analyzed in general accordance with methods outlined in Methods for the Determination of Organic Compounds in Drinking Water, EMSL-Cincinnati, EPA/600/4-88/039 and EPA/600/4-90/020.

LANCE R. LEFLEUR
DIRECTOR



ROBERT J. BENTLEY
GOVERNOR

Alabama Department of Environmental Management
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1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

April 20, 2015

Ernest Kaufmann
Perry County Associates, LLC
622 Tayloe Road
Uniontown AL 36786

RE: Facility Inspection
Arrowhead Landfill
NPDES Permit # ALG160167
FID 35125.7
Perry County (105)
Inspected 4/17/2015

Dear Mr. Kaufman:

Enclosed is a copy of an inspection report for the above referenced facility. A copy of the inspection report has been transmitted to the Department's Water Division for a compliance determination and any follow-up as appropriate.

Should you have any questions regarding permitting, compliance, enforcement, or any follow-up action you should take to address any deficiencies noted, please contact your ADEM permit staff contact or the Water Division in Montgomery at H2Omail@adem.state.al.us or by phone at (334) 271-7799.

Should you have any questions regarding observations noted during the inspection, please contact me by email at elroberts@adem.state.al.us or by phone at (205) 942-6168.

Sincerely,

Evan Roberts
Birmingham Branch
Field Operations Division

File: INSPR/17668
ecopy: Water Division
Enclosure: Inspection Report

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Branch
2715 Sandlin Road, S. W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)



Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
(251) 479-2593 (FAX)

Mobile-Coastal
4171 Commanders Drive
Mobile, AL 36615-1421
(251) 432-6533
(251) 432-6598 (FAX)



Alabama Department of Environmental Management
NPDES INSPECTION REPORT

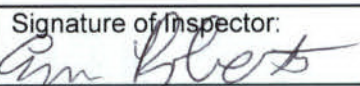
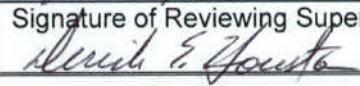
Company/Operator/Permittee: Perry County Associates, LLC		FID 35125.7	Phone Number: (770)720-2717	
Mailing Address: 622 Tayloe Road		City Uniontown	State AL	Zip Code 36786
Responsible Official/Operator Name: Ernest Kaufmann				

Facility Name: Arrowhead Landfill	NPDES Permit #: ALG160167	Permit Effect Date: 02/01/2012	Inspection Entry Date & Time: 4/17/2015 11:10 AM	County: Perry
Activity Description Landfill	NMS Inspection #: 48836	Permit Expire Date: 01/31/2017	Inspection Exit Date & Time: 4/17/2015 2:59 PM	Report Complete Date: 4/20/2015
Inspection Type: (X) CEI () CSI () PAI Routine () Complaint (X) Photos Taken (X) Samples Collected (X)				

Township, Range, Section: T17N, R6E, S28
Physical Address/Location Description (include nearest city): County Road 1, near Perry, AL

Entrance Latitude & Longitude: 32.413512, -87.473396
Discharge Point(s) Latitude & Longitude: 32.41486, -87.465887, 32.41481, -87.47281; 32.41019, -87.46792
Receiving Water(s): UT Tayloe Creek, UT Chilatchee Creek
Weather Conditions: Intermittent rain, warm

Summary: Disturbed areas that were not currently in use had not been vegetated or otherwise stabilized. Stormwater from disturbed area was observed entering drainage ditch north and downgradient of sampling point for DSN 001-2. Turbid stormwater observed leaving landfill property near southeast corner of facility, at latitude 32.41019, longitude -87.46792, was not a permitted outfall. This stormwater drained from an unused storage field that was not stabilized, but not from landfill cells. Turbidity of the stormwater discharge alongside County Road 21 was 118 NTUs. Turbidity of the unnamed tributary of Chilatchee Creek upstream of the discharge was 34.5 NTUs. Turbidity of the unnamed tributary of Chilatchee Creek downstream of the discharge was 55.7 NTUs, a difference of 21.2 NTUs.

Name(s) of On-site Representative(s) and Phone Numbers: Thad Owings, (770)7250-2717		
Name of Inspector: Evan Roberts	Signature of Inspector: 	Date: 4/20/2015
Name of Reviewing Supervisor: Derick Houston	Signature of Reviewing Supervisor: 	Date: 4/20/2015

FOD Office: Birmingham

NPDES INDUSTRIAL STORMWATER INSPECTION REPORT

FACILITY NAME: Arrowhead Landfill		PERMIT NUMBER: ALG160167		
I. RECORDS				
A. Copy of Permit Available	N/A	X YES	NO	Comment #
B. Discharge Monitoring Reports (DMRs) Available	N/A	X YES	NO	Comment #
DMRs Retained for 3 Years	N/A	X YES	NO	Comment #
C. Laboratory Records Available	N/A	X YES	NO	Comment #
Laboratory Records Retained for 3 Years	N/A	X YES	NO	Comment #
D. Commercial Lab Used for Reported Analyses	N/A	X YES	NO	Comment #
Name: Analytical Services, Inc.	Location: Norcross, GA			
E. Adequate Records Maintained of::				
1. Sample Date, Time and Location	N/A	X YES	NO	Comment #
2. Analyses Date and Time	N/A	X YES	NO	Comment #
3. Analytical Methods	N/A	X YES	NO	Comment #
4. Standard Methods/EPA Approved Analytical Method	N/A	X YES	NO	Comment #
5. Analyst	N/A	X YES	NO	Comment #
6. Lab Equipment Calibration and Maintenance	N/A	X YES	NO	Comment #
7. Rainfall Data	N/A	X YES	NO	Comment #
F. Correct Name and Mailing Address of Permittee	N/A	X YES	NO	Comment #
II. POLLUTION PREVENTION PRACTICES/PLANS				
A. Best Management Practices (BMP) Plan Available	N/A	X YES	NO	Comment #
Last Update to BMP Plan: January 2015				
B. BMP Measures Appear Adequate, If no provide	N/A	YES	X NO	Comment # 1
C. BMP Training Records Available	N/A	X YES	NO	Comment #
D. BMP Inspection Records Available	N/A	X YES	NO	Comment #
Inspection Records Retained for 3 Years	N/A	X YES	NO	Comment #
E. Spill Prevention Control and Countermeasures (SPCC) Plan Available	N/A	X YES	NO	Comment # 2
Last Update to SPCC: January 2015				
List Tanks and Capacities in Comment Section				
F. Pollution Prevention (P2)/Source Reduction Plan and/or P2 Practices	N/A	X YES	NO	Comment #
G. All Discharges Appear to be properly Permitted	N/A	YES	X NO	Comment # 3
H. Adequate Containment for Products/Byproducts and Waste Materials	N/A	X YES	NO	Comment #
III. MONITORING INFORMATION				
A. Flow Measurement				
Method of measurement on Non-Stormwater Outfalls: Instantaneous Weir Other				
B. Sampling				
1. Location(s) Adequate	N/A	YES	X NO	Comment # 4
2. Sample Type(s) Agree with Permit	N/A	X YES	NO	Comment #
3. Preservation Techniques Agree with 40 CFR 136	N/A	X YES	NO	Comment #
4. Sample Holding Times Agree with EPA Guidance	N/A	X YES	NO	Comment #
5. Monitoring and Analyses Performed More Frequently Than Required	N/A	YES	X NO	Comment #
6. If Yes to 5, Results are Reported in Permittee's Self Monitoring Report	X N/A	YES	NO	Comment #
7. Stormwater Samples Collected in Accordance with Permit Requirements	N/A	X YES	NO	Comment #

N/A – Not Applicable

NPDES INDUSTRIAL STORMWATER INSPECTION REPORT

IV. EFFLUENT/RECEIVING WATER VISUAL OBSERVATIONS

Outfall(s) have Oil Sheen	YES	X NO	Comment #
Outfall(s) have Visible Foam	YES	X NO	Comment #
Outfall(s) have Visible Floating Solids	YES	X NO	Comment #

V. COMMENTS

Comment No.	Comment	Photograph No.
1	Disturbed areas that were not currently in use had not been vegetated or otherwise stabilized.	3, 14-16
2	No fuel or chemical storage. Leachate tank was within secondary containment.	17-18
3	Turbid stormwater observed leaving landfill property near southeast corner of facility, at latitude 32.41019, longitude -87.46792, was not a permitted outfall. This stormwater drained from an unused storage field that was not stabilized, but not from landfill cells.	1-9
4	Stormwater from disturbed area was observed entering drainage ditch north and downgradient of sampling point for DSN 001-2.	11-16

VI. SAMPLE RESULTS

Turbidity of stormwater discharge alongside County Road 21 was 118 NTUs.

Turbidity of the unnamed tributary of Chilatchee Creek upstream of the discharge was 34.5 NTUs.

Turbidity of the unnamed tributary of Chilatchee Creek downstream of the discharge was 55.7 NTUs, a difference of 21.2 NTUs.

Perry County Associates, LLC
Arrowhead Landfill
ALG160167

Perry County
Evan Roberts
April 17, 2015

Roadside ditch. Stormwater ditch on landfill property, near southeast corner.



Turbidity at this point was 118 NTUs.

No temporary stabilization on area used for storage of concrete pipes.



Upgradient of previous photo.

3

Stormwater ditch downgradient of previous photo.



4

Stormwater ditch downgradient of previous photo.



5

Downgradient of previous photo.



6

Downgradient of previous photo and upgradient of first photo.



7

Drainage ditch downgradient of first photo.



Visible plume of turbid water in an unnamed tributary to Chilatchee Creek.
Turbidity upstream of this point was 34.5 NTUs.

8

Unnamed tributary to Chilatchee Creek downstream of previous.



Turbidity at this point was 55.7 NTUs, an increase of 21.2 NTUs.

9

Pond for DSN 001-2.



10

DSN 001-2 sampling point.



11

Ditch downgradient of previous photo. Turbid water observed here.



12

Ditch downgradient of previous photo.



13

Upgradient of drainage ditch in previous photos. No stabilization.



14

Upgradient of drainage ditch in previous photos. No stabilization.



15

Turbid water upgradient of drainage ditch.



16

Leachate tank with secondary containment.



17

Drain valve for secondary containment structure.



18

Pond for DSN 001-1.



19

DSN 001-1.



20



Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

November 16, 2015

Ernest Kaufmann
Perry County Associates, LLC
134 Riverstone Terrace, Suite 203
Canton GA 30114

RE: Facility Inspection
Arrowhead Landfill
NPDES Permit # ALG160167
FID 35125.10
Perry County (105)
Inspected 11/13/2015

Dear Mr. Kaufmann:

Enclosed is a copy of an inspection report for the above referenced facility. A copy of the inspection report has been transmitted to the Department's Water Division for a compliance determination and any follow-up as appropriate.

Should you have any questions regarding permitting, compliance, enforcement, or any follow-up action you should take to address any deficiencies noted, please contact your ADEM permit staff contact or the Water Division in Montgomery at H2Omail@adem.state.al.us or by phone at (334) 271-7799.

Should you have any questions regarding observations noted during the inspection, please contact me by email at elroberts@adem.state.al.us or by phone at (205) 942-6168.

Sincerely,

Evan Roberts
Birmingham Branch
Field Operations Division

File: INSPR/17668
ecopy: Water Division
Enclosure: Inspection Report





Alabama Department of Environmental Management
NPDES INSPECTION REPORT


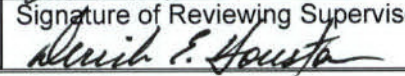
Company/Operator/Permittee: Perry County Associates, LLC		FID 35125.10		Phone Number: (770)720-2717	
Mailing Address: 134 Riverstone Terrace, Suite 203		City Canton		State GA	Zip Code 30114
Responsible Official/Operator Name: Ernest Kaufmann					

Facility Name: Arrowhead Landfill	NPDES Permit #: ALG160167	Permit Effect Date: 02/01/2012	Inspection Entry Date & Time: 11/13/2015 12:49 PM	County: Perry
Activity Description Solid Waste Landfill	NMS Inspection #: 51277	Permit Expire Date: 01/31/2017	Inspection Exit Date & Time: 11/13/2015 2:57 PM	Report Complete Date: 11/16/2015
Inspection Type: (X) CEI () CSI () PAI Routine () Complaint (X) Photos Taken (X) Samples Collected ()				

Township, Range, Section: T17N, R6E, S23
Physical Address/Location Description (include nearest city): County Road 1, near Perry, AL

Entrance Latitude & Longitude: 32.413512, -87.473396
Discharge Point(s) Latitude & Longitude: 32.41486, -87.465887, 32.41481, -87.47281; 32.41019, -87.46792
Receiving Water(s): UT Tayloe Creek, UT Chilatchee Creek
Weather Conditions: Partly cloudy and cool

Summary: Inspection was conducted in response to a complaint of a whitish discharge on the south side of the facility. Stormwater was observed leaving landfill property near southeast corner of facility, at latitude 32.41019, longitude -87.46792, downgradient from non-landfill areas. This area had a slight discharge. See sample results on page 3. Areas not in use had been grassed since the 4/17/2015 inspection. Grass was patchy in area near southeast side of facility. Facility outfalls were not discharging. According to facility records, pH was analyzed out of holding time for samples collected on 6/29/2015.

Name(s) of On-site Representative(s) and Phone Numbers: John Sikes, (334)247-2126		
Name of Inspector: Evan Roberts	Signature of Inspector: 	Date: 11/16/2015
Name of Reviewing Supervisor: Derick Houston	Signature of Reviewing Supervisor: 	Date: 11/16/2015

FOD Office: Birmingham

NPDES INDUSTRIAL STORMWATER INSPECTION REPORT

FACILITY NAME: Arrowhead Landfill		PERMIT NUMBER: ALG160167		
I. RECORDS				
A. Copy of Permit Available	N/A	X YES	NO	Comment #
B. Discharge Monitoring Reports (DMRs) Available	N/A	X YES	NO	Comment #
DMRs Retained for 3 Years	N/A	X YES	NO	Comment #
C. Laboratory Records Available	N/A	X YES	NO	Comment #
Laboratory Records Retained for 3 Years	N/A	X YES	NO	Comment #
D. Commercial Lab Used for Reported Analyses	N/A	X YES	NO	Comment #
Name: Analytical Services, Inc.	Location: Norcross, GA			
E. Adequate Records Maintained of::				
1. Sample Date, Time and Location	N/A	X YES	NO	Comment #
2. Analyses Date and Time	N/A	X YES	NO	Comment #
3. Analytical Methods	N/A	X YES	NO	Comment #
4. Standard Methods/EPA Approved Analytical Method	N/A	X YES	NO	Comment #
5. Analyst	N/A	X YES	NO	Comment #
6. Lab Equipment Calibration and Maintenance	N/A	X YES	NO	Comment #
7. Rainfall Data	N/A	X YES	NO	Comment #
F. Correct Name and Mailing Address of Permittee	N/A	X YES	NO	Comment #
II. POLLUTION PREVENTION PRACTICES/PLANS				
A. Best Management Practices (BMP) Plan Available	N/A	X YES	NO	Comment #
Last Update to BMP Plan: January 2015				
B. BMP Measures Appear Adequate, If no provide	N/A	X YES	NO	Comment #
C. BMP Training Records Available	N/A	X YES	NO	Comment #
D. BMP Inspection Records Available	N/A	X YES	NO	Comment #
Inspection Records Retained for 3 Years	N/A	X YES	NO	Comment #
E. Spill Prevention Control and Countermeasures (SPCC) Plan Available	N/A	X YES	NO	Comment # 1
Last Update to SPCC: January 2015				
List Tanks and Capacities in Comment Section				
F. Pollution Prevention (P2)/Source Reduction Plan and/or P2 Practices	N/A	X YES	NO	Comment #
G. All Discharges Appear to be properly Permitted	N/A	X YES	NO	Comment #
H. Adequate Containment for Products/Byproducts and Waste Materials	N/A	X YES	NO	Comment #
III. MONITORING INFORMATION				
A. Flow Measurement				
Method of measurement on Non-Stormwater Outfalls: Instantaneous Weir Other				
B. Sampling				
1. Location(s) Adequate	N/A	X YES	NO	Comment #
2. Sample Type(s) Agree with Permit	N/A	X YES	NO	Comment #
3. Preservation Techniques Agree with 40 CFR 136	N/A	X YES	NO	Comment #
4. Sample Holding Times Agree with EPA Guidance	N/A	YES	X NO	Comment # 2
5. Monitoring and Analyses Performed More Frequently Than Required	N/A	YES	X NO	Comment #
6. If Yes to 5, Results are Reported in Permittee's Self Monitoring Report	X N/A	YES	NO	Comment #
7. Stormwater Samples Collected in Accordance with Permit Requirements	N/A	X YES	NO	Comment #

N/A – Not Applicable

NPDES INDUSTRIAL STORMWATER INSPECTION REPORT

IV. EFFLUENT/RECEIVING WATER VISUAL OBSERVATIONS

Outfall(s) have Oil Sheen	YES	X NO	Comment #
Outfall(s) have Visible Foam	YES	X NO	Comment #
Outfall(s) have Visible Floating Solids	YES	X NO	Comment #

V. COMMENTS

Comment No.	Comment	Photograph No.
1	No fuel or chemical storage. Leachate tank was within secondary containment.	
2	pH was analyzed out of holding time for samples collected on 6/29/2015.	

VI. SAMPLE RESULTS

- Outfalls were not discharging.
- Stormwater discharge alongside County Road 21:
- pH = 7.50 s.u
- Dissolved oxygen = 5.18 mg/L
- Turbidity = 9.64 NTUs.

Perry County Associates, LLC
Arrowhead Landfill
ALG160167

Perry County
Evan Roberts
November 13, 2015

Area had been grassed since previous inspection. Grass was patchy.



To right of previous. Area had been grassed since previous inspection. Grass was patchy.



3

Drainage ditch downgradient of previous photo.



4

Landfill area. Road. Drainage ditch for non-landfill areas.



5

Drainage ditch downgradient of non-landfill areas.



6

Pool of water. Check dam.



Edge of pool.



Minimal discharge from pool to roadside ditch.



Light-colored sediment staining on leaves around roadside ditch.



Pond for outfall 001-2.



11

Outfall 001-2 was not discharging.



No flow.

12

Area near outfall 001-2 had been grassed since previous inspection.



13

To right of previous.



14

Pond for outfall 001-1.



15

Outfall 001-1 was not discharging.



16

Leachate tank.



17

Inside of secondary containment structure.



18